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JAN 12 1932

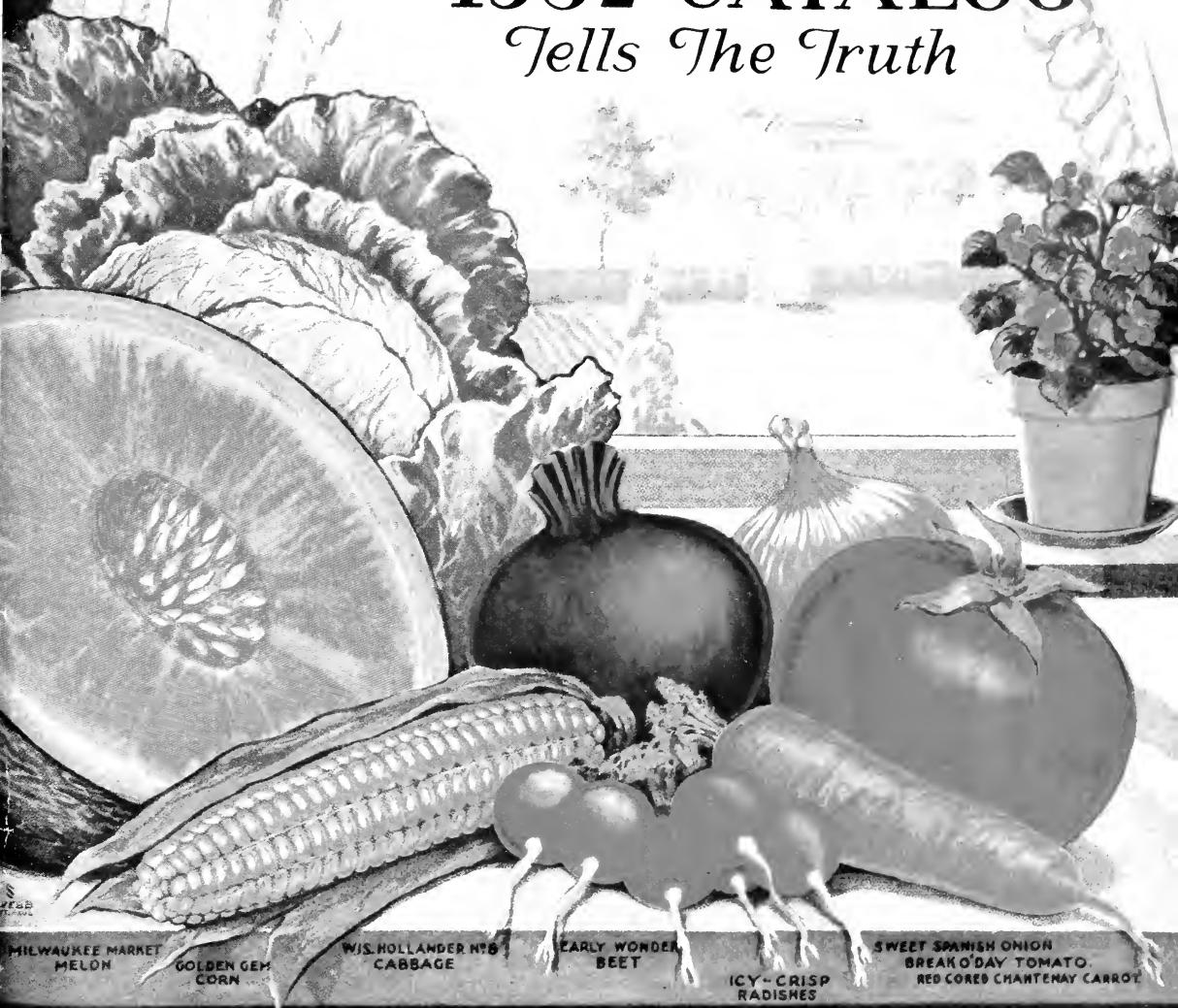
Vegetable Seed Trials

45TH
YEAR

OLDS'

1932 CATALOG

Tells The Truth



MILWAUKEE MARKET
MELON

GOLDEN GEM
CORN

W.H. HOLLANDER NO.
CABBAGE

EARLY WONDER
BEET

ICY-CRISP
RADISHES

SWEET SPANISH ONION
BREAK O'DAY TOMATO.
RED CORED CHANTENAY CARROT

FIELD & GARDEN SEEDS
SEEDS • BULBS • PLANTS • TOOLS • SEED POTATOES
FERTILIZERS • INSECTICIDES • POULTRY SUPPLIES:

L.L. OLDS SEED CO.

MADISON,
WISCONSIN

CARROT



CABBAGE



BEET

DETROIT DARK RED



LETTUCE

MAY KING



SWISS CHARD

LUCULLUS



BEANS

PENCIL POD BLACK WAX



CORN

GOLDEN BANTAM



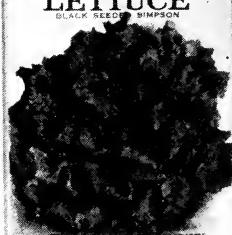
BEANS

STRINGLESS GREEN POD



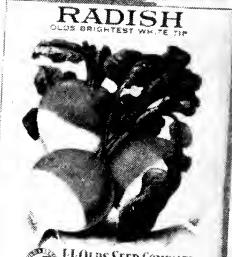
LETTUCE

BLACK REED SIMPSON



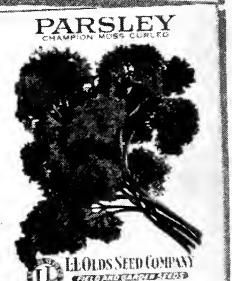
RADISH

OLDS BRIGHTEST WHITE TIP



PARSLEY

CHAMPION MOSS CURLLED



PEAS

LITTLE GEM

L.L. OLDS SEED COMPANY
MADISON, WISCONSIN

TOMATO

JOHN BAER



RADISH

WHITE ICICLE



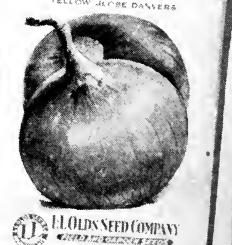
TURNIP

TOP WHITE GLOBE



ONION

YELLOW JUICE DANVERS



OLDS' CITY GARDEN COLLECTION

16 Best varieties for the City Garden Worth \$1.14
Price 55c postpaid

These sixteen leading standard varieties are especially adapted to the small city garden and do not require large planting space. All packets are full size and the seed is from our regular high quality stock.

OLDS' CITY GARDEN COLLECTION will keep you in fresh vegetables during the summer and provide some for canning.

1 pkt. BEET, Detroit Dark Red (48)	\$0.07
1 pkt. BEANS, Stringless Green Pod, 2 ozs. (15)	.08
1 pkt. BEANS, Pencil Pod Black Wax, 2 ozs. (24)	.08
1 pkt. CARROT, Danvers Half Long (100)	.05
1 pkt. CABBAGE, Danish Ballhead (55)	.08
1 pkt. LETTUCE, Black Seeded Simpson (21)	.05
1 pkt. LETTUCE, May King (227)	.08
1 pkt. ONION, Yellow Globe Danvers (285)	.07
1 pkt. PARSLEY, Champion Moss Curled (305)	.05
1 pkt. PEAS, Little Gem (329)	.17
1 pkt. RADISH, White Icicle (355)	.05
1 pkt. RADISH, Brightest White Tip (370 1/2)	.05
1 pkt. SWISS CHARD, Lucullus (524)	.07
1 pkt. SWEET CORN, Golden Bantam, 2 ozs. (142)	.06
1 pkt. TOMATO, John Baer (436 1/2)	.08
1 pkt. TURNIP, Purple Top White Globe (465)	.05
Total Value.....	\$1.14

SPECIAL PRICE, 55 CENTS, POSTPAID

These collections are put up in advance. No changes can be made.

PERSONAL GREETING.

Madison, Wis., Jan. 1, 1932.

This Catalog, Our 45th, Is Written with Great Care.
Our purpose is to make it not only truthful and accurate but a real guide and help to the man or woman who is trying to decide what to plant. The illustrations are direct from photographs and are true to life. The descriptions we believe are correct and give the varietal characteristics as we know them.

Arrangement of Catalog. We are making a change this year in the arrangement of the catalog. Vegetables come first, arranged as nearly as possible in alphabetical order. Varieties starred are those specially recommended for general cultivation. Where our trade mark appears it indicates a variety which we have been active in introducing and which we specialize in. Flowers follow the vegetables, then plants, shrubs and trees and then come the Field Seeds arranged in general in the order of their importance, with Tools, Fertilizers, Insecticides and Poultry Supplies last. Complete index on page 96.

Prices. Prices on nearly everything in the catalog will be found lower than last year. Some things, especially clovers and grass seeds, seed grains and corn are very much lower. To help meet the present situation we are handling the staple agricultural seeds on the smallest possible margin. Compare our prices with others. If they still seem high write us for special prices. Catalog prices on all Field Seeds, pages 64 to 87, are good until Feb. 15th only. Write us for a new **Weekly Price List** after that date. Some things will be higher but some of them may be lower.

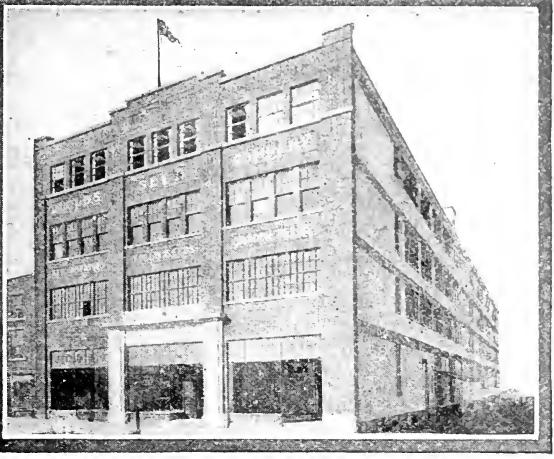
Olds' Seeds Known for Reliability. While we are trying to make the prices just as low as possible at the same time we will not sacrifice quality. We propose to maintain the reputation we have established for having the very best seeds obtainable.

Thanking you for your patronage in the past we respectfully solicit your orders and inquiries for 1932, which we promise you will have our very careful attention.

Yours very truly,

L. L. OLDS SEED COMPANY.

L. L. OLDS, President and General Manager.



INSTRUCTIONS FOR ORDERING.

PLEASE USE ORDER SHEET found in the catalog and retain a copy of your order. If you have occasion later on to write us about it give post office address under which it was mailed or number of the order.

WE ACKNOWLEDGE ORDERS when received unless some part is to be sent at once. If any part of the order is mailed right out that answers as an acknowledgment or if goods can be sent at once by freight or express we get them right out, sending acknowledgment and notice of shipment at the same time, enclosing Bill of Lading.

POSTPAID PRICES. All Garden Seed prices, except the Market Gardeners' Wholesale Prices quoted on pages 5 and 6, are postpaid prices and include free transportation. Prices on Field Seeds, Potatoes and Side Lines however do not include transportation unless quoted postpaid.

WE SEND LARGE SHIPMENTS BY FREIGHT unless otherwise instructed. See table of freight rates below. We have three railroads here at Madison, C. & N. W., C. M. St. P. & P., and I. C.

C. O. D. SHIPMENTS. No plants will be sent C. O. D. Other things may be sent that way if desired, provided one-fourth of the amount accompanies the order.

ORDER EARLY. Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush, and then we will not have to write for permission to substitute for varieties sold out.

OUR THREEFOLD GUARANTEE.

1. QUALITY. We guarantee the quality of the seeds, plants, bulbs and potatoes we send out to the extent that should they not prove as represented we will refill the order or return the money; but we give no further warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, potatoes, bulbs or plants we send out and will not be responsible for the crop. Goods may be returned if not satisfactory.

2. SAFE ARRIVAL. We guarantee everything to arrive in good order. If any goods arrive in bad order, however, bags torn or anything else wrong, have this noted on the freight expense bill which must be sent us so that we can make proper claim. The bill of lading must be returned also. Therefore do not lose the bill of lading.

3. CAREFUL ATTENTION. We guarantee to give prompt and careful attention to every letter that comes to our office, not only letters containing orders but also letters of inquiry. All remittances are promptly acknowledged in some form and all questions courteously answered and as a rule this is done the day the letter is received.

FREIGHT RATES FROM MADISON, WIS., IN EFFECT JAN. 1, 1932.

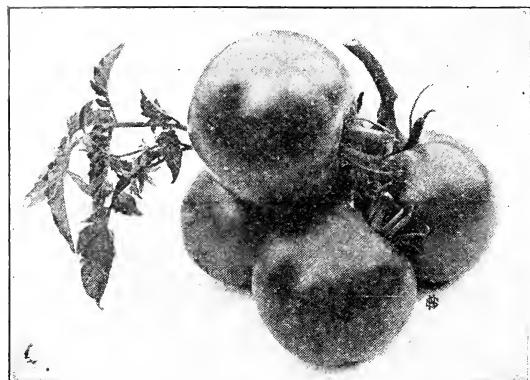
Per 100 Lbs, Less than Car Lots, to Points Named Below.

(Clovers, Grass Seeds and Garden Seeds go as third class; Grain, Corn, Poultry Food and Potatoes, fourth class.)

		3rd.	4th.		3rd.	4th.		3rd.	4th.	
Antigo, Wis.	\$0.45 ^{1/2}	\$0.36		Aurora, Ill.	\$0.43	\$0.31		Fargo, N. D.	\$1.10	\$0.86
Ashtabula, Wis.	.62 ^{1/2}	.35 ^{1/2}		Bloomington, Ill.	.51	.37		Grand Forks, N. D.	1.18	.92
Baraboo, Wis.	.22	.16		Champaign, Ill.	.57	.41		Fremont, Neb.	.97	.76
Beloit, Wis.	.24	.17 ^{1/2}		Chicago, Ill.	.43	.31		Hastings, Neb.	1.16	.91
Clinton Jc., Wis.	.25	.19		Decatur, Ill.	.55	.40		Lincoln, Neb.	1.02	.80
Dodgeville, Wis.	.24	.17 ^{1/2}		Elgin, Ill.	.41	.30		Omaha, Neb.	.92	.73
Eau Claire, Wis.	.43 ^{1/2}	.32 ^{1/2}		Freeport, Ill.	.42	.24		Kansas City, Mo.	.92	.73
Fond du Lac, Wis.	.19 ^{1/2}	.13 ^{1/2}		Galesburg, Ill.	.50	.36		Spokane, Wash.	1.27	.98
Fort Dodge, Iowa	.31 ^{1/2}	.23		Joliet, Ill.	.43	.31		St. Joseph, Mo.	.92	.73
Green Bay, Wis.	.41 ^{1/2}	.31		La Salle, Ill.	.50	.36		Portland, Ore.	1.14	.91
Janesville, Wis.	.22	.16		Peoria, Ill.	.50	.36		St. Louis, Mo.	.64	.46
Jefferson, Wis.	.22	.16		Rockford, Ill.	.34	.25		Springfield, Mo.	1.14	.90
La Crosse, Wis.	.38	.28 ^{1/2}		Rock Island, Ill.	.46	.33		Fort Wayne, Ind.	.59	.42
Lodi, Wis.	.18 ^{1/2}	.15		Springfield, Ill.	.57	.41		Indianapolis, Ind.	.62	.45
Mauton, Wis.	.28 ^{1/2}	.21		Woodstock, Ill.	.38	.27		South Bend, Ind.	.53	.38
Mazomanie, Wis.	.19 ^{1/2}	.15		Cedar Rapids, Ia.	.57	.45		Terre Haute, Ind.	.62	.45
Middleton, Wis.	.17 ^{1/2}	.13 ^{1/2}		Clinton, Ia.	.41	.29		Cleveland, Ohio	.76	.54
Milwaukee, Wis.	.30 ^{1/2}	.22 ^{1/2}		Davenport, Ia.	.46	.33		Columbus, Ohio	.73	.52
Monroe, Wis.	.27 ^{1/2}	.20 ^{1/2}		Des Moines, Ia.	.77	.61		Dayton, Ohio	.67	.48
Mt. Horeb, Wis.	.19 ^{1/2}	.15		Dubuque, Ia.	.45	.32		Toledo, Ohio	.66	.47
Platteville, Wis.	.31	.23		Sioux City, Ia.	.90	.71		Detroit, Mich.	.66	.47
Portage, Wis.	.22	.16		Waterloo, Ia.	.64	.51		Grand Rapids, Mich.	.51	.37
Redeedsburg, Wis.	.25	.19 ^{1/2}		Faribault, Minn.	.64	.51		Hartford, Conn.	1.13	.81
Sparta, Ia.	.34 ^{1/2}	.25 ^{1/2}		Cloud, Minn.	.85	.67		Saginaw, Mich.	.55	.40
Stouton, Wis.	.17 ^{1/2}	.13 ^{1/2}		St. Paul, Minn.	.75	.59		Marquette, Mich.	.62	.45
St. Prairie, Wis.	.17 ^{1/2}	.15		Winona, Minn.	.58	.46		Bangor, Me.	.78	.62
Watertown, Wis.	.22	.16		Mitchell, S. D.	1.02	.81		Concord, N. H.	1.14	.82
Waukesha, Wis.	.26 ^{1/2}	.20 ^{1/2}		Sioux Falls, S. D.	.90	.71		Trenton, N. J.	1.12	.80

OLDS' OUTSTANDING VEGETABLE

OLDS' VEGETABLE SPECIALTIES are varieties which have just recently been introduced. We have tried them and we pronounce them superior to the old varieties. They have not been planted widely and it may possibly be they will not be adapted to your locality, however, we think you, too, will find them superior to the standard varieties and we advise you to try them. We are very enthusiastic over our 1932 Specialties and we feel you will be also. Keep your garden up to date. Plant the new and better varieties.



Olds' Break O'Day Tomato.

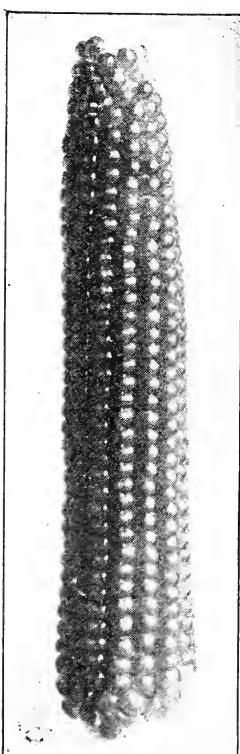
TOMATO

431. OLDS' BREAK O'DAY. A new extra early, wilt resistant tomato developed by the U. S. Dept. of Agriculture. Break O'Day matures with Earliana. The fruit resembles the famous Marglobe; it is the same color, shape and size and is the only early tomato of a deep globe shape and bright red color. The fruits are solid with very few seeds and they will not crack. A bountiful yielder. See front cover. Pkt., 12c; $\frac{1}{2}$ oz., 38c; oz., 70c; $\frac{1}{4}$ lb., \$2.10, postpaid.

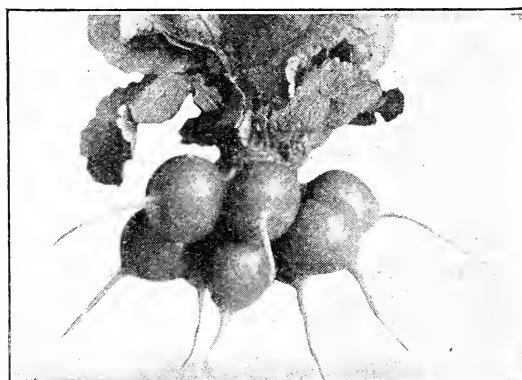


259. OLDS' MUSTARD SPINACH. This is an Oriental type of mustard which is now grown for greens. It is a very desirable, quick growing, tender variety with long, broad, smooth leaves and white midribs. The leaves are usually ready for cutting in 3 to 4 weeks after planting. Dry weather will not injure the crop. The flavor of this new vegetable resembles Spinach with a very mild mustard taste. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 75c; 5 lbs., \$3.00, postpaid.

Olds' Mustard Spinach.
(40 days from seed.)



Olds' South American
Mushroom Pop Corn.



Olds' Icy Crisp Radish.

RADISH

387. OLDS' ICY CRISP. A bright scarlet, round radish, very crisp and tender. The tops are very small making it an ideal variety for forcing. This radish can be grown from seed in from 16 to 20 days. Olds' Icy Crisp is in fact all that one could ask for in a radish. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00; 2 lbs., \$1.90; 5 lbs., \$4.00, postpaid.

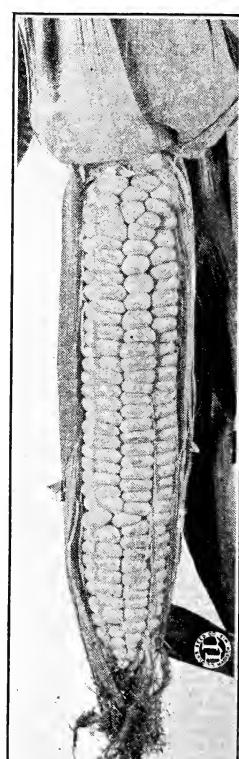
POP CORN.

153. OLDS' SOUTH AMERICAN MUSHROOM. Also called T.N.T. This is a new variety of pop corn which is becoming very popular. The kernels are large, of a deep orange color, nearly round in shape and smooth. When popped the kernels are mushroom shaped with a very delicious flavor. It is an immense yielder with stalks growing from a height of 6 to 8 feet, producing 2 to 3 large ears, 9 inches long or over. Large pkt., 7c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

SWEET CORN

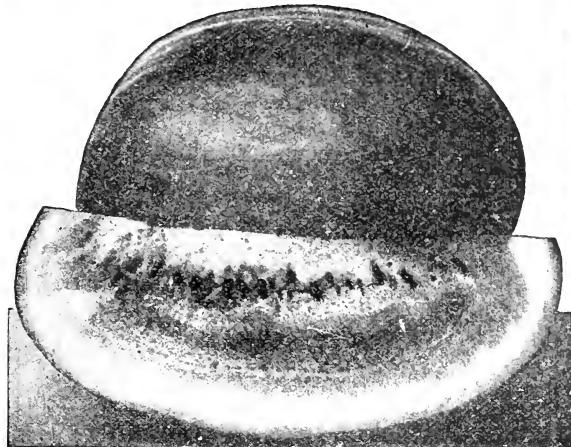
144. OLDS' GOLDEN GEM. We introduced this new extra early yellow sweet corn last year. It is without doubt the finest early yellow corn so far introduced. See front cover. It is just as early as any of the white varieties and will sell much more readily than the white. The ears of Golden Gem are rather small, averaging

from 5 to 6 inches in length, 8 rows to the ear. One market gardener reported that he sold his entire picking of Golden Gem Sweet Corn early last spring at the store at 65c per dozen ears. He was through picking his Golden Gem before any of the white varieties were on the market. If you did not try this variety last year be sure and plant some this season. Large pkt., 15c; $\frac{1}{2}$ lb., 35c; lb., 60c; 2 lbs., \$1.00; 5 lbs., \$2.00, postpaid.



Olds' Golden Gem
Sweet Corn.

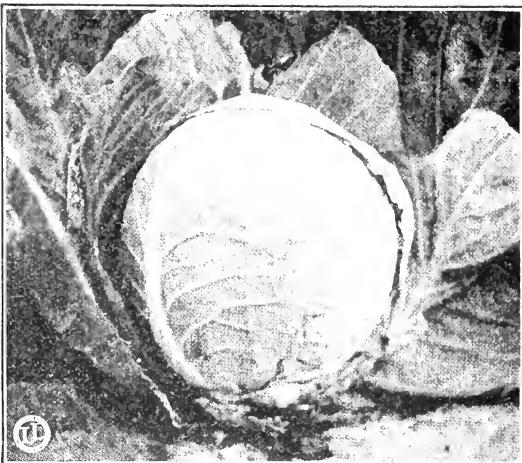
SPECIALTIES FOR 1932



Olds' Stone Mountain Watermelon.

WATERMELON

260. OLDS' STONE MOUNTAIN. A very popular melon in the South where it originated and the finest watermelon we have ever eaten. We have known of the good qualities of this melon for some time but as we handle only Northern grown seed of melons it required some time to produce the seed stock. This melon is very large, round or blocky in shape. The flesh is rich scarlet, very sweet, with few seeds. The seeds are white. A prolific melon but not recommended for shipping long distances. If you want something especially fine in watermelons plant some of these this season. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.75; 2 lbs., \$3.40, postpaid.



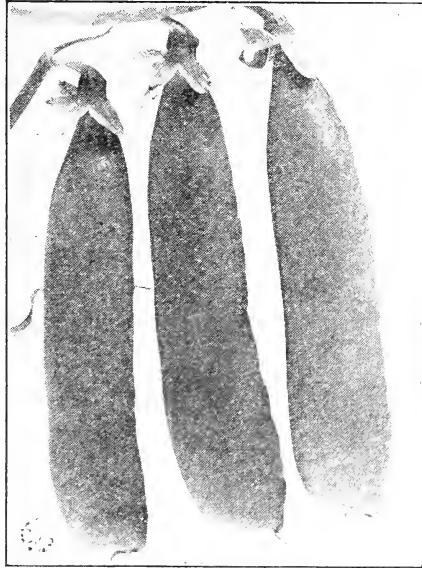
Olds' Evergreen Hollander.

CABBAGE

86. OLDS' EVERGREEN HOLLANDER. The finest winter type of cabbage we know of. The seed is grown for us in Denmark, where the growing of good cabbage is a specialty. The heads are almost perfectly round, heavy and very hard. Olds' Evergreen Hollander is a selected strain of Danish Ball Head Cabbage and a very superior strain. For quality and type this strain will head the entire list. Pkt., 15c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.75, postpaid.

OLDS' WISCONSIN YELLOWS RESISTANT CABBAGE.

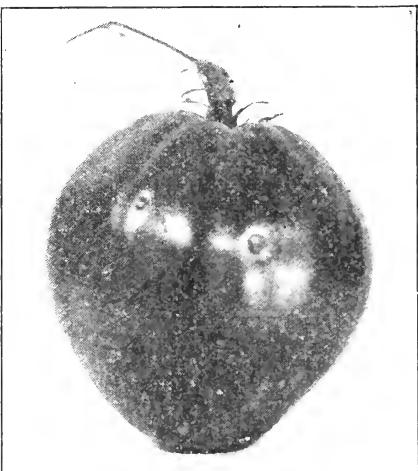
If you cannot grow cabbage on your soil try our Wisconsin Yellows Resistant varieties. See page 12.



Olds' Onward Peas.

PEAS

332. OLDS' ONWARD. A new English variety of special merit. It is a mid-season variety coming in just ahead of Telephone. The vines grow three feet in height with vigorous, strong, medium green foliage. Pods are four inches long, broad, straight and blunt at the ends, deep green in color, containing 6 to 8 dark green, sweet peas. A very heavy cropper. Pkt., 10c; $\frac{1}{2}$ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.50, postpaid.



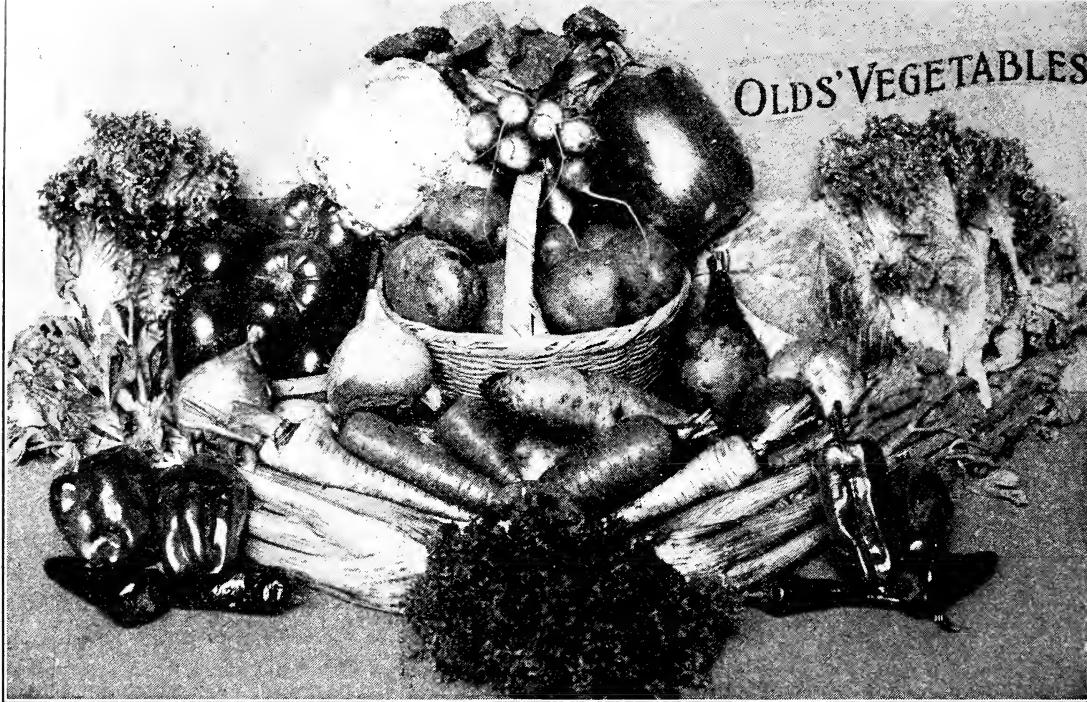
Olds' Oxheart Tomato

TOMATO

441. OLDS' OXHEART. Probably the largest and meatiest tomato in existence. It has a distinct oxheart shape with a fruit of a slightly purple color. Grown under favorable conditions will weigh nearly two pounds. Where a tomato of enormous size is wanted this is the variety to plant. We do not consider the quality equal to some of the smaller varieties although it is fine considering the immense size. It is the tomato to grow for exhibition purposes. Pkt., 15c; $\frac{1}{2}$ oz., 55c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.10, postpaid.



OLDS' VEGETABLE SEEDS



OLDS' VEGETABLES

Vegetables Like These can be Grown in Your Own Garden.

WHAT OTHERS SAY ABOUT OLDS' SEEDS.

For many years we have used this space to tell you of the quality of our seeds. This year we have decided to print what others say of our seeds. All the testimonials listed below were unsolicited and they all accompanied orders for seeds. We receive hundreds of these testimonials each year and regret that because of our limited space we cannot print more.

"Please find enclosed order for seed. I am ordering a few extra seeds for my friends. Your cabbage seed speaks for itself. When my friends come and see my late cabbage they say, 'That sure is fine. We don't see how you can have such cabbage and we none!'"

Mrs. J. F. LePere, Illinois

January 20, 1931.
"This makes 27 years I have bought seeds of you,"
Curry L. Flora, Indiana

"I find your seed is the truest to name that I have ever planted so I always say, 'L. L. Olds' is the seed for me,'"

Mrs. Fannie Smith, Illinois

February 28, 1931.
"My mother has used your seed for many years. I am beginning the same practice with pleasure."

Mrs. Lark Cassel, Oklahoma

February 27, 1931.
"We had a lovely garden from your Dollar Collection last year so I am getting two more Dollar Collections."

Theodore Finnecke, Wisconsin

March 4, 1931.
"I have bought seeds from you several times. Certainly I am pleased or I would not continue to buy."

Mrs. Viola Vanwinkle, Indiana

March 11, 1931.
"We always send you an order each spring. Best seeds ever ordered."

S. E. Anderson, Illinois

March 11, 1931.
"Your seeds never fail to come true to name."

Mrs. C. H. Cobb, Vermont

April 30, 1931.

"I have bought my seeds from you for the last forty years."
N. V. Kernahan, New York

March 14, 1931.

"My garden has never failed since using Olds' Seeds, even tho' it is on a side hill facing south and gets quite dry at times. I always have a good garden, thanks to Olds' Seeds."

Mrs. N. Mac H. Gadd, Wisconsin

March 25, 1931.

"This order is my 20th order and find the seed good."
Mr. F. P. Grommon, Illinois

March 25, 1931.

"My porch boxes of petunias were the talk of the town and some of the seed I am sending for friends. Everyone said, 'Where did you get them?'"

Mrs. J. E. Hicks, Iowa

March 27, 1931.

"We have used your seed 15 years and think there are none better."

Mrs. M. S. Parker, Pennsylvania

March 24, 1931.

"It is a pleasure to deal with Olds'. After giving several houses a trial I've decided to stay with you."

Mrs. Herbert Sloneker, Illinois

March 31, 1931.

"I don't think I could put out a garden without your cabbage."

Sofronia Terwilliger, Indiana

"I have used your seed for years and have always been well pleased with the vegetables and flowers they have furnished me. I tell my neighbors 'Olds' are Defendable!"

Mr. Fred C. Parks, Illinois

Market Gardeners' Wholesale Price List

NOTE: These prices are for planters who use seeds in large quantities. Prices do not include transportation. Goods will be shipped by freight or express, the purchaser paying the transportation charges. No charge will be made for bags or packing. If larger amounts than quoted are wanted, write us for prices.

BEANS.

No.	5 lbs. at 10 lb. rate and 50 lbs. at 100 lb. rate.	10 lbs.	25 lbs.	100 lbs.
12	Improved Red Valentine.....	\$1.80	\$4.25	\$16.00
13	Bountiful	1.80	4.25	16.00
14	Navy Beans	(Write for prices).		
15	Burpee's Stringless Green Pod	1.90	4.50	17.00
16	Giant Stringless	1.90	4.50	17.00
19	Refugee Stringless	2.00	4.75	18.00
20	Improved Golden Wax	1.80	4.25	16.00
20½	Early Stringless Wax	2.10	5.00	19.00
22	Davis White Wax	1.90	4.50	17.00
24	Pencil Pod Black Wax	1.90	4.50	17.00
26	Webber Wax	1.90	4.50	17.00
30½	Dreer's Pole Lima	2.20	5.25	20.00
31	Henderson's Bush Lima	1.80	4.25	16.00
33	Ford's Mammoth Pole Lima	2.20	5.25	20.00
34	Burpee's Bush Lima	2.40	5.75	22.00
34½	Fordhook Bush Lima	2.70	6.50	25.00
38	Kentucky Wonder	1.80	4.25	16.00
38½	Kentucky Wonder Wax	2.00	4.75	18.00
39	Scarlet Runner	3.00	7.25	28.00

SWEET CORN.

No.	10 lbs.	25 lbs.	100 lbs.	
135½	Early July	\$2.00	\$4.75	\$18.00
136	Mammoth White Cory	1.60	3.75	14.00
138½	Howling Mob	1.80	4.25	16.00
139	Early Champion	1.80	4.25	16.00
139½	Country Gentleman	2.10	5.00	19.00
140½	Black Mexican	1.70	4.00	15.00
142	Golden Bantam	1.60	3.75	14.00
142½	Bantam or Golden Evergreen	2.00	4.75	18.00
144	Golden Gem	3.20	7.80	30.00
145	Early Evergreen	1.80	4.25	16.00
147	Stowell's Evergreen	1.80	4.25	16.00
148	Golden Sunshine	2.00	4.75	18.00

POPCORN.

No.	10 lbs.	25 lbs.	100 lbs.	
150	White Rice	\$1.20	\$2.75	\$10.00
151	Queen's Golden	1.50	3.50	13.00
153	Australian Mushroom	1.50	3.50	13.00
154½	Tom Thumb	1.50	3.50	13.00

PEAS.

No.	10 lbs.	25 lbs.	100 lbs.	
320	Surprise	\$1.80	\$4.25	\$16.00
320½	Olds' Extra Early	1.70	4.00	15.00
322	Tall Telephone	1.80	4.25	16.00
323	Alaska	1.60	3.75	14.00
324	Gradus	1.80	4.25	16.00
324½	Laxtonian	1.90	4.50	17.00
325	Nott's Excelsior	1.80	4.25	16.00
326	Improved Stratagem	2.00	4.75	18.00
327	Champion of England	1.80	4.25	16.00
329	Little Gem	1.80	4.25	16.00
330	American Wonder	1.80	4.25	16.00
332	Onward	2.20	5.50	20.00
333	English Wonder	2.00	4.75	18.00
334	Thomas Laxton	1.80	4.25	16.00
335	Dwarf Telephone	2.00	4.75	18.00
336	Laxton's Progress	2.00	4.75	18.00
339	Little Marvel	1.80	4.25	16.00
341	Mammoth Luscious Sugar	2.40	5.75	22.00

ASPARAGUS.

No.	½ lb.	Lb.	5 lbs.
3	Martha Washington	\$0.60	\$1.10
6	Mary Washington .....	.65	1.15

BEET.

No.	½ lb.	Lb.	5 lbs.
40	Early Egyptian	\$0.40	\$0.75
41	Improved Early Blood Turnip .....	.35	.65
43	Early Wonder .....	.47	.85
44	Early Eclipse .....	.45	.80
45	Early Model .....	.50	.90
48	Detroit Dark Red .....	.45	.80
49	Half Long Blood .....	.35	.65
51	Crosby's Egyptian .....	.45	.80
52	Crimson Globe .....	.35	.65
52½	Lucullus Swiss Chard .....	.50	.90

MANGELS.

No.	½ lb.	Lb.	5 lbs.
55	Mammoth Long Red	\$0.22	\$0.40
56	Golden Tankard .....	.25	.45
59½	Danish Slidstrup .....	.25	.45
61	Klein Wanzleben (Sugar Beet) .....	.25	.45
63	Giant Half-Sugar .....	.25	.45

CABBAGE.

No.	½ lb.	Lb.	5 lbs.
65	Brussel's Sprouts, Danish	\$1.20	\$2.35
70	Early Jersey Wakefield	1.10	2.10
72	Charleston Wakefield	1.10	2.10

No.	½ lb.	Lb.	5 lbs.	
73	Golden Acre		\$2.00	\$3.85
74	Wisconsin Jersey Queen		3.90	7.60
75	All Head Early		1.20	2.35
76	Wisconsin All Seasons		2.00	3.85
77	Wisconsin Globe		3.90	7.60
80	All Seasons		1.10	2.10
80½	Wisconsin Hollander No. 8		2.65	5.20
82	Premium Late Flat Dutch		1.10	2.10
82½	Early Winningstadt		1.10	2.15
83	Drumhead Savoy		1.35	2.60
83½	Chinese (Chihli)		1.60	3.10
84½	Copenhagen Market		1.60	3.10
85	Danish Ballhead		1.45	2.85
86	Evergreen Hollander		1.90	3.60
87	Wisconsin Marion Market		3.90	7.60
88½	Glory of Enkhuizen		1.10	2.10
89	Mammoth Rock Red		1.35	2.65

CAULIFLOWER.

No.	½ lb.	Lb.
91	Super Snowball	\$11.75
90	Early Snowball	7.00
93	Dry Weather	6.50
94	Autumn Giant	1.65
97	BROCCOLI, Italian Green Sprouting	2.50

CARROTS.

No.	½ lb.	Lb.
100	Danvers Half Long	\$0.48
102	Long Orange .....	.40
103	Oxheart .....	.40
105	French Forcing .....	.62
106	Special Stock Chantenay .....	.50
107	Red Cored Chantenay .....	.75
108	Imperator .....	.50
111	Long Orange Belgian .....	.35
112	Mastodon .....	.35

CELERY.

No.	¼ lb.	Lb.
115	White Plume	\$0.80
115½	Easy Blanching .....	.90
117	Golden Self-blanching	1.75
118	Giant Pascal .....	.80
121	New Winter Queen .....	.80

CELERIAC.

No.	¼ lb.	Lb.
125	Giant Prague	\$0.90

CUCUMBER.

No.	½ lb.	Lb.
156	Early Green Cluster	\$0.45
157	Stays Green .....	.48
158	Chicago Pickling .....	.48
159½	Earliest White Spine .....	.48
160½	Early Fortune .....	.55
162½	Klonide .....	.40
164	Select White Spine .....	.60
165	Improved Long Green .....	.60
168	Early Russian .....	.40
169	Davis Perfect .....	.60
172	Longfellow	1.00

EGG PLANT.

No.	½ lb.	Lb.
180	New York Improved	\$2.25
181	Black Beauty	2.40

ENDIVE.

No.	½ lb.	Lb.
185	Green Curled	\$0.63
186	White Curled .....	.63
187	Broad Leafed Batavian .....	.63

KALE.

No.	½ lb.	Lb.
201	Dwarf Scotch Curled	\$0.50

KOHL-RABI.

No.	½ lb.	Lb.
205	White Vienna	\$1.00
206	Purple Vienna	1.00

LETTUCE.

No.	½ lb.	Lb.
215	Grand Rapids	\$0.70
216	Iceberg .....	.78
217	Improved Hanson .....	.60
218	New York .....	.95
219	Black Seeded Simpson .....	.60
220	Prizehead .....	.70
221	Olds' Oak Leaf .....	.95
222	Big Boston .....	.65
223	White Boston .....	.70
227	May King .....	.70
231	Paris White Cos .....	.70
232	Wayahead .....	.70

Market Gardeners' Wholesale Price List

NOTE: These prices are for planters who use seeds in large quantities. Prices do not include transportation. Goods will be shipped by freight or express, the purchaser paying the transportation charges. No charge will be made for bags or packing. If larger amounts than quoted are wanted, write us for prices.

MUSKMELON.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.	No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
235	Lake Champlain	\$.075	\$1.40	\$5.75	370	1/2 Sparkler	\$.035	\$0.65	\$2.50
236	Extra Early Hackensack	.45	.80	3.00	371	Early Scarlet Turnip	.40	.75	3.00
237	Early Knight (Sweet Air)	.60	1.15	4.50	373	Improved French Breakfast	.38	.70	2.75
238	Emerald Gem	.50	.85	3.25	374	Twenty Day	.45	.85	3.25
239	Osage	.60	1.15	4.50	375	Saxa	.40	.75	3.00
240	Extra Early Osage	.70	1.25	5.25	376	Crimson Giant	.40	.70	2.75
241	Special Stock Milwaukee Market	.85	1.60	6.75	377	Scarlet Globe	.40	.70	2.75
241 1/2	Milwaukee Market	.65	1.20	4.75	378	Snowball	.35	.60	2.25
242	Burrell's Gem	.45	.80	3.50	384	Cincinnati Market	.40	.70	2.75
243	Bender's Surprise	.65	1.20	4.75	387	White Icicle	.35	.65	2.50
244	Rocky Ford	.40	.90	2.90	390	Olds' Icy Crisp	.45	.85	3.50
246	Pollock No. 10-25	.35	.65	2.75	391	White Chinese Winter	.40	.70	2.75
247	Hoodoo	.60	1.10	4.25	392	Chinese Rose Winter	.40	.70	2.75
247 1/2	Gold Lined Rocky Ford	.60	1.10	4.25	393	Long Black Spanish	.40	.70	2.75
248 1/2	Banana	.70	1.25	5.00		Round Black Spanish	.40	.70	2.75
251	Honey or Sugar Rock	.90	1.75	7.50					
253	Honey Dew	.70	1.25	5.00					
254	Tip Top	.65	1.20	4.75	395	Victoria	$\frac{1}{2}$ lb.	Lb.	5 lbs.

WATERMELON.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.	No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
260	Stone Mountain	\$.085	\$1.60	\$6.75	397	Mammoth Sandwich Island	\$.090	\$1.85	\$8.00
261	Sweetheart	.45	.85	3.25					
262	Cole's Early	.45	.85	3.25					
263	Fordhook Early	.40	.75	3.00					
264	Earliest and Sweetest	.70	1.35	5.50					
267	Ice Cream or Peerless	.45	.85	3.25					
268	Irish Grey	.40	.75	3.00					
270	Kleckley's Sweet	.45	.85	3.25					
270 1/2	Klondike (Black Seeded)	.85	1.60	6.75					
271 1/2	Tom Watson	.40	.75	3.00					
272 1/2	Golden Honey	.60	1.10	4.25					
273	Halbert Honey	.45	.85	3.25					
275	Citron (Green Seeded)	.40	.70	2.75					
276 1/2	Winter Melon	.70	1.35	5.50					

ONION.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.	No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
283	Crystal Wax Bermuda	\$1.20	\$2.35	\$10.50	407	Mammoth White Bush	\$.045	\$0.85	\$3.50
285	Yellow Globe Danvers	.80	1.55	6.50	409	Giant Summer Crookneck	.60	1.15	4.50
287	Large Red Wethersfield	.70	1.35	5.50	410	Table Queen	.70	1.35	5.50
288	Ailsa Craig	1.10	2.10	9.25	411	Delicious	.70	1.35	5.50
290	Southport Yellow Globe	.80	1.55	6.50	413	Improved True Hubbard	.85	1.60	6.75
291	Southport Red Globe	.70	1.35	5.50	418	Golden Hubbard	.70	1.35	5.50
292	Southport White Globe	1.10	2.10	9.25	420	Blue Hubbard	.70	1.35	5.50
293	White Portugal or Silver Skin	.95	1.85	8.00		Mammoth Chili	.95	1.85	8.00
297	Prizetaker	.90	1.75	7.50					
297 1/2	Giant Gibraltar	.90	1.75	7.50					
298	Sweet Spanish	1.35	2.60	11.75					
299	Australian Brown	.65	1.25	5.00					
300	Ohio Yellow Globe	.80	1.55	6.50					
302	White Barletta	1.10	2.15	9.50					
303	Winter Queen	1.20	2.35	10.50					

ONION SETS.

(Write for prices after March 1st.)

No.		$\frac{1}{2}$ bu.	Bu.	5 bus.	No.		$\frac{1}{4}$ lb.	Lb.	5 lbs.
	Yellow Bottom	\$1.35	\$2.50	\$11.25	427	Earliana	\$.090	\$0.90	\$2.75
	Red Bottom	1.35	2.50	11.25	429	New Stone	.90	.90	2.75
	White Bottom	1.60	3.00	13.75	430	Matchless	1.25	1.25	3.75

PARSLEY.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.	No.		$\frac{1}{4}$ lb.	Lb.	5 lbs.
305	Champion Moss Curled	\$.045	\$0.85	\$3.00	436	Dwarf Stone	1.25	1.25	3.75
309	Hamburg or Root	.60	1.10	4.25	437	Break O' Day	1.40	1.40	4.25

PARSNIP.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.	No.		$\frac{1}{4}$ lb.	Lb.	5 lbs.
310	Improved Guernsey	\$.040	\$0.75	\$2.50	449	New Marglobe	1.40	1.40	4.25
311	Long Smooth Hollow Crown	.40	.75	2.50	455	Special Earliana	1.40	1.40	4.25

PEPPER.

No.		$\frac{1}{4}$ lb.	Lb.	5 lbs.	No.		$\frac{1}{4}$ lb.	Lb.	5 lbs.
350	Ruby King	\$1.00		\$3.00	460	Purple Top Strap Leaf	\$.022	\$0.40	\$1.25
351	Bull Nose	.90		2.75	465	Purple Top White Globe	.22	.40	1.25
352	Golden Queen	1.60		5.00	466	Snowball or Six Weeks	.30	.55	2.00
353	Harris' Early Giant	1.80		5.25	467	Cow Horn	.30	.55	2.00
354	Chinese Giant	1.85		5.25	468	Louse Proof Foliage	.30	.55	2.00

PUMPKIN.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.	No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
360	King of the Mammoths	\$.065	\$1.20	\$4.75	475	Purple Top Purple Top	\$.035	\$0.55	\$2.00
362	Connecticut Field	.30	.50	1.90	477	Neckless	.30	.55	2.00
363	Small Sugar	.40	.75	3.00	478	White Russian	.28	.50	1.75
364	Winter Luxury	.50	.90	3.75					

RADISH.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.	No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
370	Sparkler	\$.035		\$0.65	371	Early Scarlet Turnip	.40	.75	3.00
373	Improved French Breakfast	.38		1.75	374	Twenty Day	.45	.85	3.25
375	Saxa	.40		1.75	376	Crimson Giant	.40	.70	2.75
377	Scarlet Globe	.40		1.75	378	Snowball	.35	.60	2.25
378	Cincinnati Market	.40		1.75	384	White Icicle	.35	.65	2.50
385	White Chinese Winter	.40		1.75	387	Olds' Icy Crisp	.45	.85	3.50
390	Chinese Rose Winter	.40		1.75	391	White Black Spanish	.40	.70	2.75
392	Long Black Spanish	.40		1.75	393	Round Black Spanish	.40	.70	2.75

RHUBARB.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
395	Victoria			\$0.60

SALSIFY.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
397	Mammoth Sandwich Island	\$.090	\$1.85	\$8.00

SPINACH.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
405	Mustard Spinach	\$.040	\$0.60	\$2.10
407	Princess Juliana	.25	.45	1.50
409	King of Denmark	.20	.35	1.25
410	Bloomsdale (Long standing)	.20	.35	1.25
411	New Zealand	.40	.75	2.80
412	Long Standing Gaudry	.20	.35	1.25

SQUASH.

No.		$\frac{1}{2}$ lb.	Lb.	5 lbs.
405	Mammoth White Bush	\$.045	\$0.85	\$3.50
407	Giant Summer Crookneck	.60	1.15	4.50
409	Table Queen	.70	1.35	5.50
410	Delicious	.70	1.35	5.50
411	Improved True Hubbard	.85	1.60	6.75
412	Golden Hubbard	.70	1.35	5.50
413	Blue Hubbard	.70	1.35	5.50
414	Mammoth Chili	.95	1.85	8.00

TOMATO.

No.		$\frac{1}{4}$ lb.	Lb.	5 lbs.
425	Earliana	\$.090	\$0.90	\$2.75
427	New Stone	.90	.90	2.75
429	Matchless	1.25	1.25	3.75
430	Dwarf Stone	1.40	1.40	4.25
431	Break O' Day	2.00	2.00	6.00
433	New Marglobe	1.40	1.40	4.25
434	Chalk's Early Jewel	.90	.90	2.75
435	Special Earliana	1.40	1.40	4.25
436	John Baer	1.10	1.10	3.25
437	Ponderosa	1.90	1.90	5.75
438	Enormous	1.80	1.80	5.50
439	Golden Beauty	1.40	1.40	4.25
440				

OLDS' STANDARD VEGETABLES

ASPARAGUS

3. **MARTHA WASHINGTON RUST PROOF.** This variety very closely resembles the Mary Washington Rust Proof. It has the same characteristics but the stalks are somewhat flattened in shape instead of round. For that reason it is more in demand in some markets. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

6. **★MARY WASHINGTON GIANT RUST PROOF.** The result of years of breeding and selecting by the United States Bureau of Plant Industry. The stalks are larger and more tender than those of other varieties, and apparently immune from rust. Mary Washington asparagus will meet the needs of both market gardeners and home gardeners. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.30, postpaid.

ASPARAGUS ROOTS

Our Asparagus Roots are grown on the Olds Seed Company farm where we have a rich, loose soil, which is particularly adapted for the growing of these roots. The life of an asparagus bed is usually about twenty years so in selecting roots it is well to get the best. Our roots are that kind. It takes three years to grow an asparagus bed from seed, two years from one-year-old roots, and one year from two-year-old roots.

MARY WASHINGTON GIANT RUST PROOF. Undoubtedly the best all around variety for home and market. We would not advise any other. Plants: 1 year old, 25 for 50c; 50 for 80c; 100 for \$1.50, postpaid.—Not prepaid: 100 for \$1.25; 1,000 for \$8.00. 2 yr. old, 25 for 75c; 50 for \$1.25; 100 for \$2.00, postpaid.—Not prepaid: 100 for \$1.75; 1,000 for \$18.00. (500 at 1,000 rate.)



OLDS' GARDEN BEANS

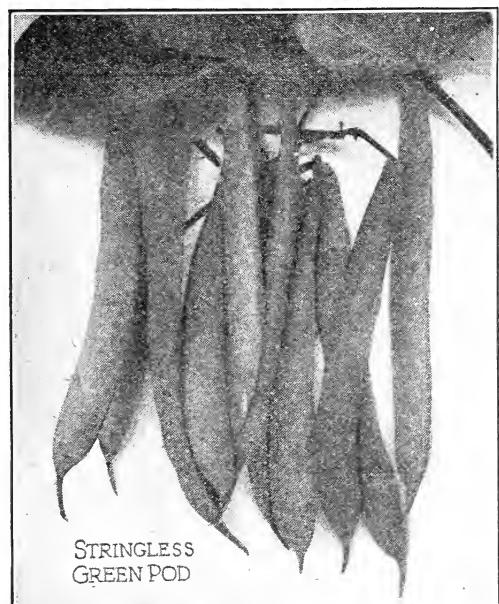
Our beans are Northwestern grown, thoroughly rogued and carefully hand-picked. Beans grown in the Northwest on high altitudes are free from anthracnose and other diseases which are prevalent with beans grown on lower altitudes. Our packets each contain sufficient seed to plant from 10 to 15 feet of drill. One pound will plant 50 to 75 feet of drill; 75 pounds one acre.

CULTURE: Sow the bush varieties as soon as the ground is warm and the season favorable. Plant in rows 2 feet apart and the beans 2 inches apart and 1½ inches deep. For pole beans use poles 8 to 10 feet long and set them about 4 feet apart. Plant 4 to 6 beans about one inch deep around each pole and later thin to 3 plants to a pole.

Beans thrive best in a sandy loam with a shovelful of well rotted compost to each hill. Keep well hoed, drawing the earth up to the stems. Do not work when the plants are wet as this will cause rust and injury to the crop. Plant every two weeks for succession. For larger amounts than quoted, see our Market Gardeners' Price List, pages 5 and 6.

Mary Washington Giant Rust Proof.

GREEN POD VARIETIES



STRINGLESS
GREEN POD

15. **★STRINGLESS GREEN POD.** (Burpee's.) The best green pod. A bush or dwarf variety. It is early, hardy and productive, bearing handsome dark green pods which are entirely stringless even when fully matured. The pods are five or more inches long, very round and straight. We recommend this variety above all others if a green pod is wanted. Large 2 oz. pkt., 8c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 62c; 5 lbs., \$1.30, postpaid.

16. **GIANT STRINGLESS GREEN POD.** Something similar to Burpee's Stringless although the pods are longer, straighter and more slender. The pods are more depressed between the beans and slightly lighter in color than the Burpee's. It is fairly early, hardy and of the highest quality. One of the most desirable varieties for canning. Pkt., 8c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 62c; 5 lbs., \$1.30, postpaid.

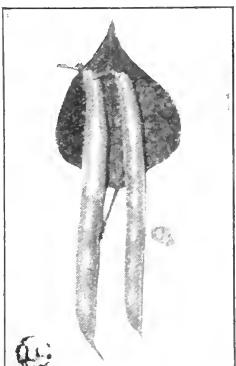
12. **IMPROVED EARLY RED VALENTINE.** (Round Pod.) A green pod bush variety, early, hardy, productive. Pods 6 inches long, round, crease-backed and slightly stringy. An old favorite. Pkt., 8c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 65c, postpaid.

13. **★BOUNTIFUL.** A stringless Dwarf Bean, extra early, tender, large-podded, and a bountiful yielder. The flat green pods are stringless, 6½ to 7 inches long, tender and have a delicious flavor. This bean is a continuous bearer—the first in the spring and the last in the fall. Fine for the home garden and just right for the truck patch. It is also excellent shelled for winter use. Pkt., 9c; $\frac{1}{2}$ lb., 21c; lb., 38c; 2 lbs., 65c; 5 lbs., \$1.35, postpaid.

March 31, 1931.

"Have used your seeds for a good many years. Always satisfied."

Mrs. G. S. Webster,
North Dakota.



Olds' Tendergreen.

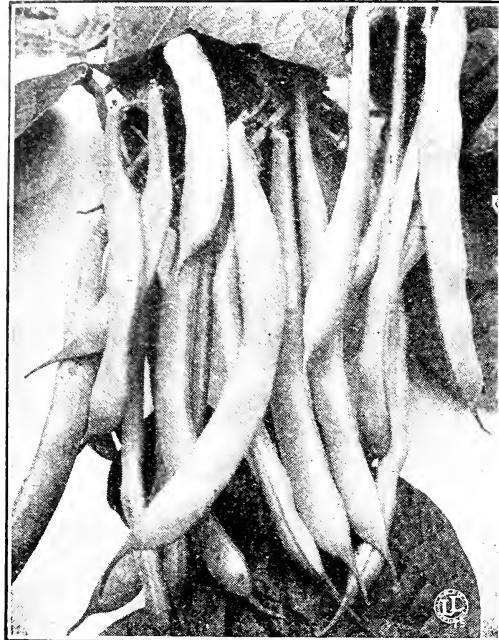
19. **REFUGEE STRING-LESS.** We have discarded our Refugee Thousand-To-One for the new Refugee String-less. This resembles the old Thousand-To-One except that it is entirely stringless although perhaps not quite as productive as the old Thousand-To-One. This variety is the one most popular with canners. The pods measure 5 to 5½ inches in length, somewhat slender, round and slightly curved. The color is light green. Very fine grained and good quality. Pkt., 10c; $\frac{1}{2}$ lb., 22c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.50, postpaid.

17. **★OLDS' TENDERGREEN.** A fine stringless, early, round, green podded bean of very fine quality. The fleshy pods measure about 6 inches in length and are stringless. Tendergreen is very productive. In season slightly later than Burpee's String-less. A desirable type for canning. Pkt., 10c; $\frac{1}{2}$ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.70, postpaid.

February 20, 1931.
"I have had seeds from New York, Pennsylvania, and other seed firms but never found seeds to do as well for me as 'Olds.' Always true to name and a good crop."

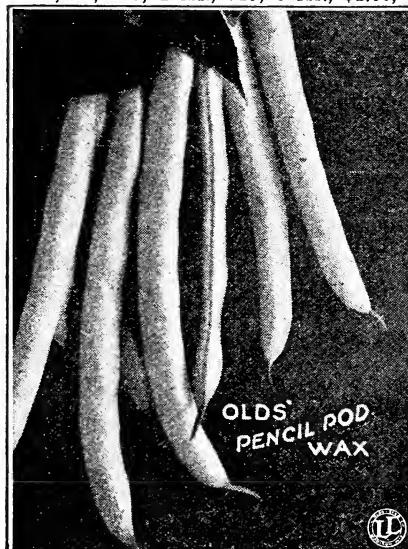
W. A. Gillard, New York.

OLDS' WAX POD BEANS



Olds' Early Stringless Wax.

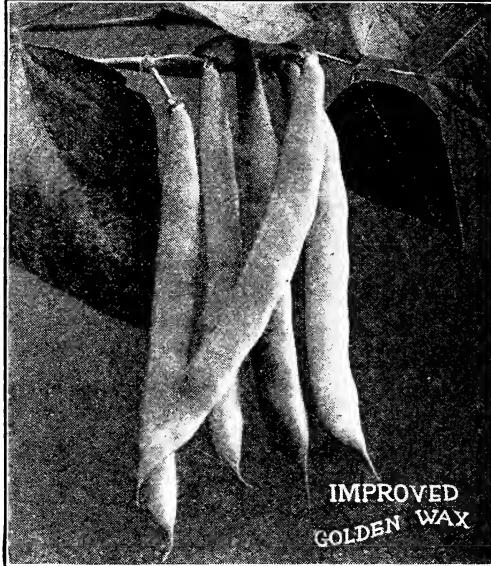
20½. OLD'S EARLY STRINGLESS WAX. This bean is our leader in wax-pod varieties. A cross between Burpee's Stringless Green Pod and Valentine Wax, and a decided improvement over both. It possesses earliness, hardness and vigor. The pods are light yellow in color, well filled, tender, and of a delicious flavor. Large 2 oz. pkt., 10c; ½ lb., 25c; 1 lb., 42c; 2 lbs., 7½c; 5 lbs., \$1.60, postpaid.



OLD'S
PENCIL POD
WAX

21. OLD'S PENCIL POD BLACK WAX. Best of all the dwarf black-seeded wax varieties. The pods are round, 6½ to 7 inches long, straight, and crease-backed. Early and very productive; entirely stringless and a clear yellow in color. Quality excellent. Large 2 oz. pkt., 8c; ½ lb., 21c; 1 lb., 37c; 2 lbs., 64c; 5 lbs., \$1.35, postpaid.

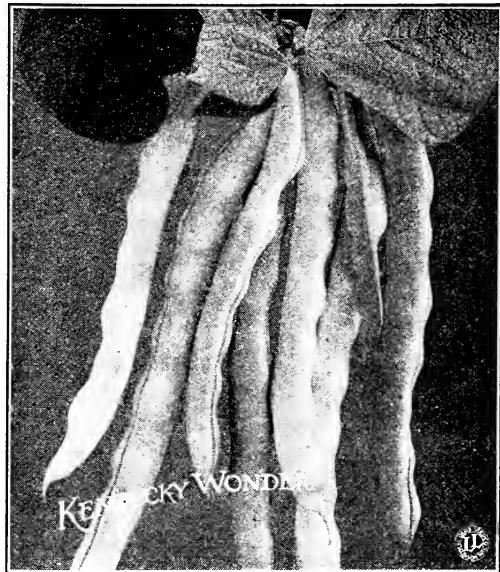
22. DAVIS WHITE KIDNEY WAX. The pods are 6½ to 7 inches long, white, straight, flat and stringy and are borne in clusters. It is in the first early class and a very handsome bean. Pkt., 8c; ½ lb., 21c; 1 lb., 37c; 2 lbs., 64c; 5 lbs., \$1.35, postpaid.



IMPROVED
GOLDEN WAX

20. IMPROVED GOLDEN WAX. The standard flat, wax-podded variety. The Golden Wax has long been a popular favorite and this Improved strain surpasses the old Golden Wax in several ways. The pods are 4 to 4½ inches long and handsome; of rich golden-yellow color. Large 2 oz. pkt., 7c; ½ lb., 17c; 1 lb., 30c; 2 lbs., 50c; 5 lbs., \$1.05, postpaid.

POLE BEANS



Mar. 24, 1931.

"I want to tell you that every package of seed that I got from Olds' last year grew. I can surely depend upon those seeds from Olds'. — M r s. A. J. Mathis, Iowa.

38. KENTUCKY WONDER. (Old Homestead.) Without doubt the most popular and useful of the green podded pole beans. The vines are very vigorous and productive, and bear large clusters of big round pods, about 9 or 10 inches long, curved, tender, very fleshy and of fine quality. Large 2 oz. pkt., 7c; ½ lb., 18c; 1 lb., 33c; 2 lbs., 58c; 5 lbs., \$1.20, postpaid.

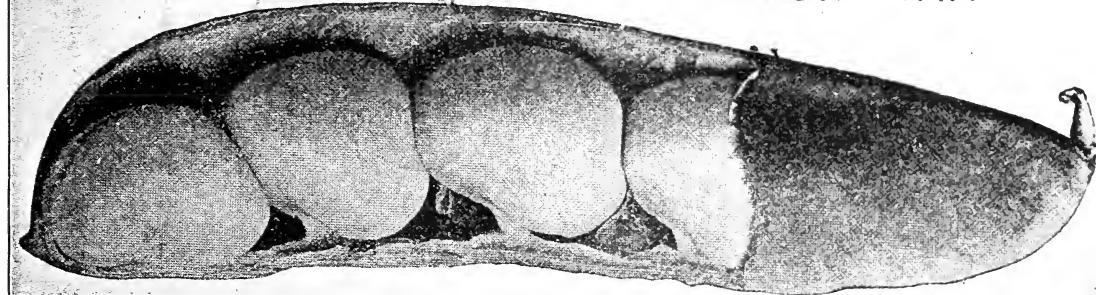
38½. KENTUCKY WONDER WAX. The earliest of all the pole wax sorts. The pods are flat, 7 to 8 inches long, thick, decidedly crease-backed, very fleshy; brittle and somewhat stringy. Very attractive and of fair quality. Color, light yellow. Pkt., 8c; ½ lb., 21c; 1 lb., 37c; 2 lbs., 64c; 5 lbs., \$1.35, postpaid.

OLDS' LIMA BEANS—BUSH VARIETIES

NOTE: Plant Limas with the eyes down and in a warm location. Do not plant until the soil is warm. Lima beans should be harvested while they are still green.

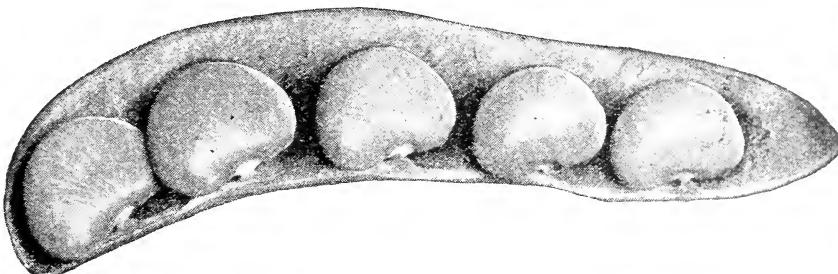
14. **NAVY BEAN or BOSTON BAKED BEAN.** as it is sometimes called. Popular since the time of the Civil War. Primarily a Field Bean but deserves a place in the garden. Don't give it rich soil. Cultivate well, but never cultivate or disturb any crop of beans while wet with either dew or rain, as it is always sure to produce rust or blight. Pkt., 5c; $\frac{1}{2}$ lb., 18c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.

FORDHOOK BUSH LIMA



34 $\frac{1}{2}$. **FORDHOOK BUSH LIMA.** The highest in quality and the most prolific of all the Bush Lima Beans. An improved variety with plants growing erect and bearing well above the ground. Pods are medium green in color; from four to five inches long, and produced in large clusters; they contain from 3 to 5 large beans each of fine quality. The beans are white, with greenish tinge, thick and meaty. Large 2 oz. pkt., 10c; $\frac{1}{2}$ lb., 28c; lb., 48c; 2 lbs., 86c; 5 lbs., \$1.85, postpaid.

31. **HENDERSON'S BUSH LIMA.** (Butter Bean). A small bean. The bush is not large, but the variety is earlier than any other Bush Lima. Pods are small, containing 3 or 4 small, flat, white beans of good quality. A popular variety with canners. It is like the Golden Bantam Corn in that it is small, early and very good. We recommend this variety of lima for the home garden, because of its quality and extreme earliness. Pkt., 7c; $\frac{1}{2}$ lb., 17c; lb., 32c; 2 lbs., 58c; 5 lbs., \$1.20, postpaid.



Burpee's Improved Bush Lima.

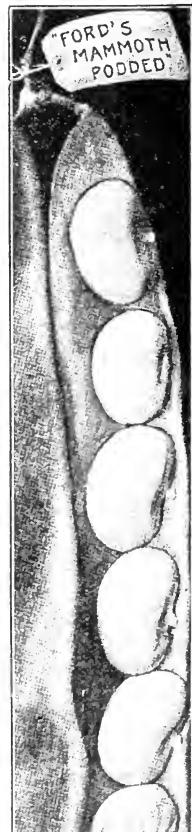
34. ***BURPEE'S IMPROVED BUSH LIMA.** Early, large and productive. Both beans and pods are larger than in the old Burpee's Bush Lima, usually averaging one more bean to the pod. Also earlier. The bush is vigorous in growth and has a heavy foliage. Pods are uniform in size, with an average of five beans to a pod. Beans are large, thin skinned and of fine flavor. The pods are borne in clusters and are easily gathered. Large 2 oz. pkt., 10c; $\frac{1}{2}$ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.75, postpaid.

POLE VARIETIES

33. **FORD'S MAMMOTH PODDED.** The largest podded, finest flavored and most productive Pole Lima Bean. The pods average eight inches in length, with from five to seven beans in a pod, excellent either green or dry. The vines grow vigorously, set the beans early, and continue to bear until frost. Pkt., 10c; $\frac{1}{2}$ lb., 22c; lb., 40c; 2 lbs., 70c, postpaid.

30 $\frac{1}{2}$. **DREER'S POLE LIMA.** This variety of lima is desirable on account of earliness and productiveness. The plants are vigorous and covered with large pods, measuring 3 $\frac{1}{2}$ to 4 inches long with pods well filled and 4 to 5 beans in each pod. Beans are oval in shape, thick, sweet and succulent. Pkt., 10c; $\frac{1}{2}$ lb., 22c; lb., 40c; 2 lbs., 70c, postpaid.

39. **SCARLET RUNNER.** A pole bean that is really a climbing bean and very ornamental. The blossoms are purple or scarlet, the pods a beautiful green, shading to wine color when ripe and the large, showy leaves are about the same color. Seed reddish brown, mottled black. Planted mostly for ornamental purposes but the beans are good to eat, both as snap and shelled beans. Pkt., 10c; $\frac{1}{2}$ lb., 25c; lb., 45c; 2 lbs., 80c, postpaid.



FOR GARDEN BEANS. Means you will get a more robust vine, a heavier crop and make this legume enrich the soil in which it is used. Once tried on garden beans you will always use it. It pays for itself ten times over. It is not an expense but an investment. Price, Garden Size, sufficient for 8 pounds, 25c, postpaid. (The same culture may be used for Peas also.) See page 67.



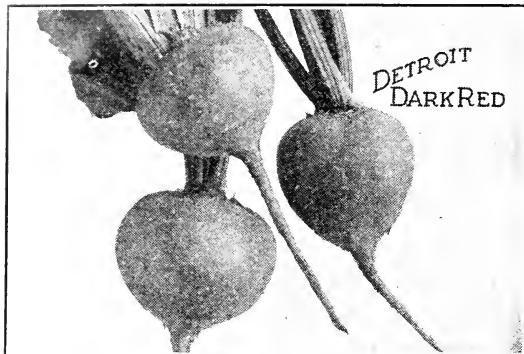
Restores and Maintains Soil Fertility

OLDS' GARDEN BEETS

CULTURE: The best soil for beets is a deep sandy loam, although they are easily grown and will do well in most any soil. For early beets plant as early in the spring as the ground can be worked, sowing a little later for the main crop. Winter beets should be planted about the 15th of June.

Plant the seed about $\frac{3}{4}$ inch deep and in rows one foot apart. Thin the plants to 3 inches. Each packet contains enough seed to sow 15 feet; one ounce 60 feet; 5 pounds an acre drilled.

We take care to have seed that will produce beets free from rootlets and uniform in size. For larger amounts than quoted see **Market Gardeners' Wholesale Price List**, pages 5 and 6.



48. ★**DETROIT DARK RED.** Select Strain. The leading main crop variety for the home and market gardener. Globe shaped, sweet, tender, fine grained and free from woodiness. Dark crimson in color. Quality of the best. Leaves dark green, shaded to red. Probably the most widely grown beet for commercial canning. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

BEETS IN SUCCESSION.

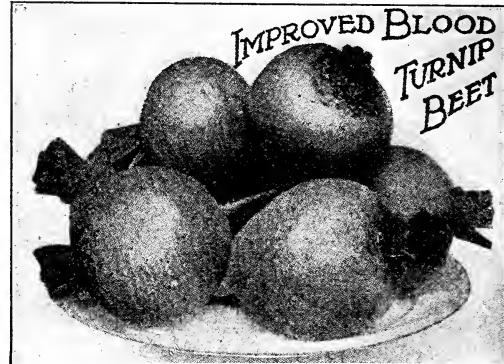
Do not depend on one planting for a supply all through the summer and fall. Some varieties are sweet and tender after they have grown to large size but the sweetest and most delicious of all are the small beets—just big enough to use. Have more coming on all the time.

Early plantings may be followed by bush beans, carrots, cucumbers, turnips, etc., and later plantings may succeed the early crop of radishes, spinach, peas or other spring vegetables. For winter storage sow the seed about June 15th.

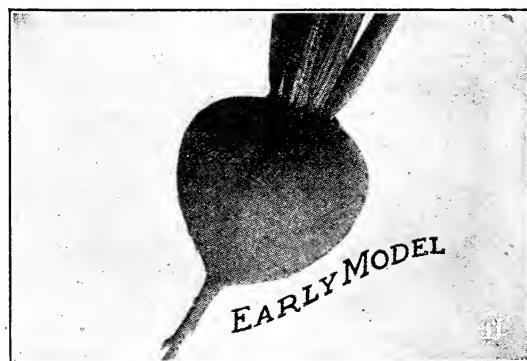


Early Wonder.

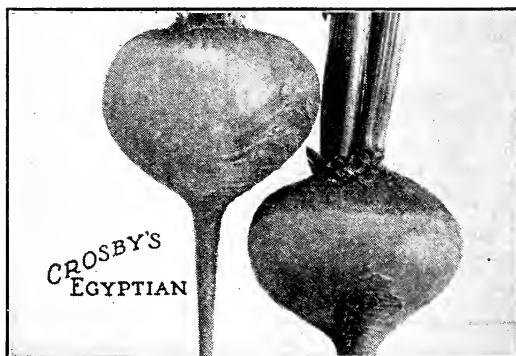
43. ★**OLDS' EARLY WONDER.** A selection from Crosby's Egyptian. We think it is just a little nearer perfection than anything we have ever offered before in the beet line. See front cover. Very uniform dark red, globe shape, small top. Especially good for late planting although in the extra early class; 45 days to maturity. Early, hardy, productive and handsome. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 95c, postpaid.



41. ★**OLDS' IMPROVED EARLY BLOOD TUR-NIP.** A fine bright red beet. Remarkably even in size and appearance and ready for use 50 days from planting. A flattened globe shape, good quality. Tops large and coarse. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 22c; lb., 75c, postpaid.



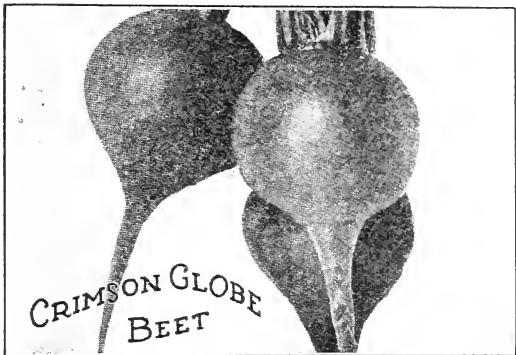
45. ★**OLDS' EARLY MODEL.** One of the earliest. Globe shaped with small tap roots. Flesh tender, sweet and free from fiber. Color very dark, making it splendid for pickling. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.



44. ★**EARLY ECLIPSE.** As early as the Egyptian but more desirable because of its globe shape, smoothness and regularity. It is sweet and tender and of a dark red color. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

51. ★**CROSBY'S EGYPTIAN.** A first-early market variety. Flattened globular shaped and fine quality. One of the best for early but not recommended for winter storing. Roots dark red and flesh a trifle lighter with some zoning. Tops very small. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

OLDS' GARDEN BEETS AND MANGELS



52. ★**CRIMSON GLOBE.** A fine second early or main-crop table or market variety. Globe shaped, medium in size and slightly zoned. A rich blood red in color, sweet, tender and never stringy. Foliage small and dark. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 22c; lb., 75c, postpaid.

40. **EXTRA EARLY EGYPTIAN.** A famous variety for forcing and for first early. One of the very earliest of all beets in fact, with very small top. Roots very dark red, rounded on top, flat beneath. Flesh dark, purplish red. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

49. **HALF LONG BLOOD.** This variety is becoming very popular because it outyields the turnip shaped beets. It produces more bushels per given area. It is an excellent second early variety and a good keeper; roots smooth and deep red in color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 22c; lb., 75c, postpaid.

52½. **SWISS CHARD.** See page 18.

April 16, 1931.

"L. L. Olds' Seed—Plus favorable weather—plus good soils equals—Bumper Crops."

J. B. Moe, Minnesota.

March 17, 1931.

"Have used your seeds for two years and they were fine. Had the only good garden in the neighborhood during the drought last summer."

John D. Coryell, Wisconsin.

OLDS' MANGELS

Mangels are highly nutritious and easily stored for winter. Greatly relished by all live stock and poultry. They are as digestible as grain; no silo is required. Mangels will save one-half the grain feed without reducing the milk yield. One ounce of seed will sow 75 to 100 feet of drill; 6 pounds an acre.

Mangels for winter storage should be planted about corn planting time. Make the rows about 20 inches apart for hand cultivation or three to four feet apart for horse cultivation. Thin to about four to six inches apart in the row. For larger amounts than quoted, see Market Gardeners' Wholesale Price List, pages 5 and 6.

Ask for Wisconsin Bulletin No. 330, "Root Crops Are Profitable."

55. ★**MAMMOTH LONG RED.** The most widely grown mangel. Yields up to 40 tons per acre, the large roots often weighing 15 pounds each. The roots frequently grow two feet or more long, with $\frac{1}{2}$ to $\frac{2}{3}$ of their length above ground. Skin bright red; flesh white with rings of pink. Oz., 8c; $\frac{1}{4}$ lb., 17c; lb., 50c; 5 lbs., \$2.00, postpaid.

56. **GOLDEN TANKARD.** Large roots, nearly cylindrical in shape, narrowing abruptly at both ends. Flesh zoned yellow and white, very productive. Contains a larger percentage of sugar than the red mangels. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c; 5 lbs., \$2.25, postpaid.

59½. ★**DANISH SLUDSTRUP.** This new mangel has attained the highest honor in agricultural circles in Denmark where mangels are as important as corn is here. Sludstrup has a long reddish-yellow root, growing more than half above ground; is easily harvested. It excels any other variety in weight, feeding value, and yields. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c; 5 lbs., \$2.25, postpaid.

63. ★**GIANT HALF SUGAR ROSE.** Combines the large size of a mangel with the greater feeding value of a sugar beet. Roots are oval shaped, skin rose colored, flesh white. One of the most valuable for feeding stock. Oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c; 5 lbs., \$2.25, postpaid.

SUGAR BEET

61. **KLEIN WANZLEBEN SUGAR BEET.** Largely grown for sugar. The roots are straight and even. A heavy yielder and very rich in sugar. The young beets are fine to cook with the red ones. Cooked this way they turn red and are much sweeter than the garden beet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 55c; 5 lbs., \$2.25, postpaid.

February 18, 1931.

"Last year the Sludstrup Mangel seed purchased from Olds' Seed Catalog took first prize at County and State fairs. The seeds are all very good."

Lawrence H. Krone, Wyoming.

OLDS' CABBAGE

In growing good cabbage it is necessary first to obtain the best seed produced. We have that kind. Our American varieties are of the best American strains, our Yellows Resistant Seed is Wisconsin grown, and our Danish varieties are produced in Denmark where those varieties reach perfection. Cabbage requires deep mellow soil. One packet will produce 400 plants, $\frac{1}{4}$ pound plants for an acre.

CULTURE: For early use sow the seed in hot beds during February and March and transplant in the open ground as soon as danger of freezing is over, in rows 2 feet apart and 18 inches apart in the row. For second early sow in April and transplant in May and for the late varieties sow about May 10th and transplant from the middle of June to the first of July. Use Slug Shot for cabbage worms and Evergreen for lice. See page 93. Maggot Control. See page 34.

Wisconsin Yellows Resistant Varieties of Cabbage

The accompanying photograph of a field at Racine, Wisconsin, shows a test row of cabbage from good commercial seed in the center of a field of yellows resistant cabbage.

Racine and Kenosha Counties are in the heart of the oldest cabbage section in Wisconsin; but a few years back, cabbage growing had been practically abandoned there because the soil had become so badly infected with this destructive fungus, known as "Yellows."

Then, after years of experiment and study, Dr. L. R. Jones



The Middle Row, Practically a Failure, is from Ordinary Seed. All the Other Rows, Each Side, from Yellows Resistant Seed.



80½. ★ WISCONSIN HOLLANDER NO. 8

(LL) or Wisconsin Danish Ballhead. The same as No. 85 described on the following page, except that it is "Yellows Resistant." Wisconsin No. 8 is without doubt the most satisfactory strain of cabbage to grow for winter use and for a shipper. It will keep better than any other and it has the heaviest, most solid heads of any. The heads are almost perfectly round, fine grained and with few outside leaves. We recommend this strain most emphatically. See front cover. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.70; lb., \$5.35, postpaid.



76. ★ WISCONSIN ALL SEASONS.

The same as No. 80 described in next column except that it is "Yellows Resistant." Pkt., 10c; $\frac{1}{2}$ oz., 22c; oz., 40c; $\frac{1}{4}$ lb., \$1.15; lb., \$4.00, postpaid.



87. ★ MARION MARKET.

(Wisconsin Copenhagen.) This is the Yellows Resistant strain of Copenhagen Market and is known as Marion Market. For description see Copenhagen Market in next column as it is the same only resistant to the Yellows. A good kraut variety. Pkt., 15c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.50; lb., \$7.75, postpaid.



74. ★ WISCONSIN JERSEY QUEEN.

New Yellows-Resistant Wakefield Cabbage; just as early as Jersey Wakefield and identical in leaf and head growth. It has the pointed head of the Jersey Wakefield and is just as heavy a yielder. Pkt., 15c; $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.50; lb., \$7.75, postpaid.

77. Olds' Wisconsin Globe

is a wonderful "yellows resistant" second early cabbage. It has short stems, round heads and is a very vigorous grower. A sure header and of excellent quality. A good yielder on any fair soil. This cabbage is a selection from



Olds' Wisconsin Globe.

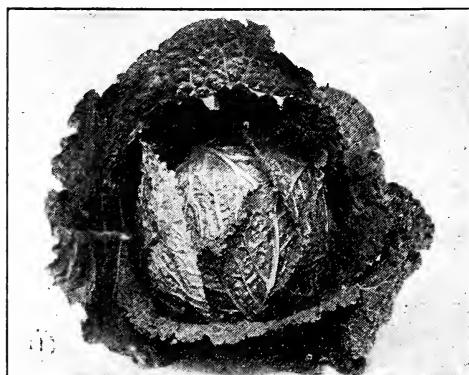
Enkhuizen and is the same in season as that variety. Pkt., $\frac{1}{2}$ oz., 40c; oz., 75c; $\frac{1}{4}$ lb., \$2.50; lb., \$7.75, postpaid.

March 11, 1931.

"We raised your Wisconsin Hollander No. 8 last year. Never had nicer cabbage. No yellow disease in the patch."

Mrs. Naoma Dailey, Indiana.

STANDARD VARIETIES OF CABBAGE



Drumhead Savoy.

83. DRUMHEAD SAVOY. Best of all the Savoy cabbages. The plant is of strong growth with outer leaves growing closely about the firm head. Leaves are very much crumpled. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., 85c; lb., \$2.75, postpaid.

82½. ★ EARLY WINNIGSTADT. Very early. Heads regular, solid and conical; keeps well. Pkt., 5c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25, postpaid.

80. ALL SEASONS. Can be used for either early or late. Heads large, round and deep. A late second early. A good keeper and a favorite with gardeners. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.30, postpaid.

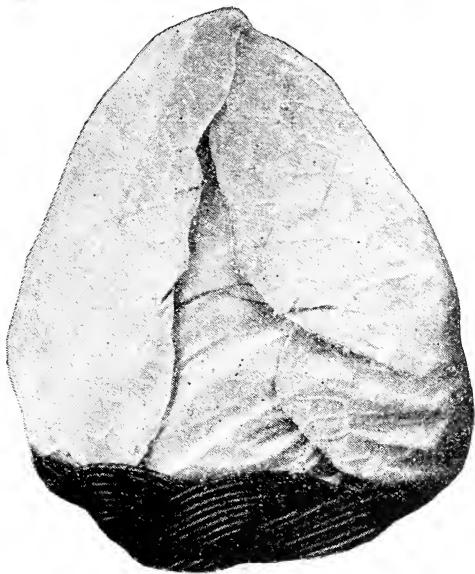
84½. ★ COPENHAGEN MARKET. Undoubtedly the most valuable cabbage of recent introduction, maturing but a few days later than Jersey Wakefield. Heads large, round and solid. Our seed is the best Danish grown. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., 95c; lb., \$3.25.

75. ★ ALLHEAD EARLY. Earlier than any other large cabbage, larger than any other early cabbage. Heads deep, flat and solid. If but one variety of cabbage is planted, probably Allhead Early is the best for all purposes. Makes a fine winter cabbage. Pkt., 7c; $\frac{1}{2}$ oz., 15c; oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$2.50, postpaid.

82. ★ PREMIUM LATE FLAT DUTCH. This old favorite is low growing with large bluish-green heads, round and solid, and broad and flat on top. It is an excellent fall and winter variety, and a good keeper. Pkt., 5c; $\frac{1}{2}$ oz., 13c; oz., 22c; $\frac{1}{4}$ lb., 75c; lb., \$2.25, postpaid.

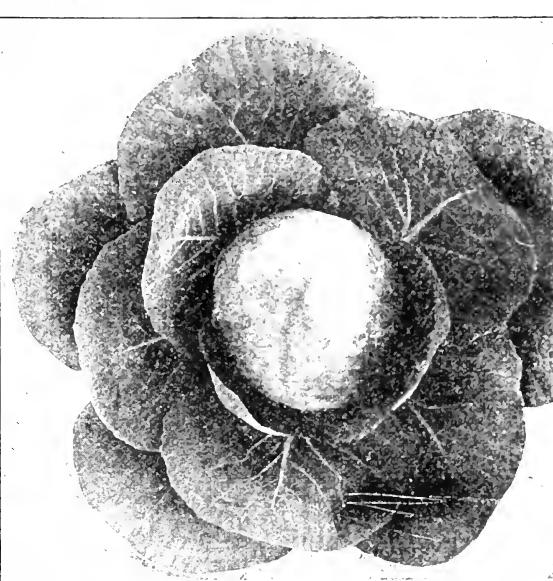
89. MAMMOTH ROCK RED. The best, largest and surest-heading red cabbage; used largely for pickling. Heads are round, solid and of a very attractive deep red color, averaging from ten to twelve pounds. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., 85c; lb., \$2.80, postpaid.

OLDS' CABBAGE



Olds' Early Jersey Wakefield.

70. ★OLDS' EARLY JERSEY WAKEFIELD. 90 days to maturity. Early Jersey Wakefield is the best known and most popular extra early cabbage in cultivation. The head is very solid, comparatively small and running to rather a small point at the top. Quality is excellent. Pkt., 5c; $\frac{1}{2}$ oz., 13c; oz., 22c; $\frac{1}{4}$ lb., 75c; lb., \$2.25, postpaid.



Golden Acre Cabbage.

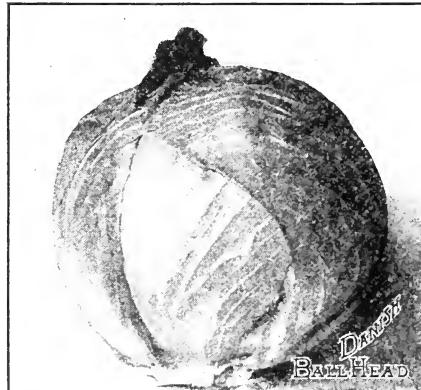
73. ★NEW GOLDEN ACRE. Earliest of all round-headed varieties. It is an extra early selection of the Copenhagen type, maturing in 80 days. The heads are firm and solid, fully equal to any of the late sorts in that respect. It will stand without bursting in the field for a month or more after maturity. Pkt., 10c; $\frac{1}{2}$ oz., 22c; oz., 40c; $\frac{1}{4}$ lb., \$1.35; lb., \$4.00.



88½. ★GLORY OF ENKHUIZEN. Valued for its earliness, size, keeping qualities and flavor. Heads medium, round. A fine kraut cabbage. Pkt., 7c; $\frac{1}{2}$ oz., 18c; oz., 30c; $\frac{1}{4}$ lb., 75c; lb., \$2.25, postpaid.

86. EVERGREEN HOLLANDER. See page 3.

72. CHARLESTON WAKEFIELD. About one week later than Early Jersey Wakefield with heads fully one half larger. Pkt., 5c; $\frac{1}{2}$ oz., 13c; oz., 22c; $\frac{1}{4}$ lb., 75c; lb., \$2.25, postpaid.



85. ★HOLLANDER OR DANISH BALLHEAD. The great commercial cabbage, and the best shipper. Especially valued for its solidity and fine keeping qualities. It is the most largely grown variety in America for the winter markets. The heads weigh more for their size than any other variety. They are round as a ball, solid, fine-grained with few outside leaves. Pkt., 8c; $\frac{1}{2}$ oz., 18c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.00, postpaid.

83½. CHINESE CABBAGE. Chihli. See page 18.

FROST PROOF CABBAGE PLANTS

Grown off the coast of South Carolina where the difficult growing conditions give the plants great resistance to cold and bad weather. They are guaranteed to stand a temperature of 20 degrees above zero. **YOU GAIN THREE WEEKS.** Shipment to you direct from the growing station. The plants will probably arrive in a wilted condition. This does not hurt them, for after planting, they make a slow but steady growth.

Can supply Early Jersey Wakefield, Charleston Wakefield, Copenhagen Market, Succession and Early Flat Dutch. Prices: 100 to 400 plants at 50c per 100; 500 plants, \$1.60; 1,000 or more plants at \$3.00 per 1,000, postpaid.

By express: 1,000 to 4,000 plants at \$2.00 per 1,000; 5,000 or more plants at \$1.50 per 1,000.

(No orders filled C. O. D. or for less than 100 plants of a kind.)

•(After May 15th order Home Grown Cabbage Plants as we cannot furnish the Frost Proof after that date.)

HOME GROWN CABBAGE PLANTS

We grow these plants ourselves. Ready early in May. Can supply Early Jersey Wakefield, Golden Acre and Copenhagen Market. Prices of all: Doz., 25c; 50 for 65c; 100 for \$1.50; 500 for \$6.00, postpaid. For late varieties sow seed in open ground about May 10th and transplant in the field in about four weeks.

OLDS' CARROTS

Carrots are one of the most valuable vegetables and should be cultivated more extensively. They are very wholesome and contain the essential vitamins. Growing children should be fed carrots regularly. Our carrot seed is grown from carefully selected roots and will produce the kind of crop that you want.

CULTURE: Carrots will do well on practically any soil although they will do the best on loam. Sow the seed as early as possible in rows 18 to 24 inches apart. Thin the seedlings to 2 or 3 inches in the row. The seed should be sown to a depth of about 4 times the diameter of the seed. Do not depend upon only one planting of carrots as they are at their best when young and tender. Plant every two or three weeks up to the middle of July.



Danvers Half Long Carrot.

100. **★DANVERS HALF LONG.** A splendid carrot, grown for its productiveness and table quality. One of the best and most desirable for home or market garden. Roots 6 to 8 inches long, tapering uniformly to a blunt point. Flesh deep orange, tender and of excellent quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 32c; lb., 95c, postpaid.

102. **OLDS' IMPROVED LONG ORANGE.** A well known standard variety; roots 12 inches long, thick at the crown and tapering regularly to a point; color deep orange; suitable for both table and field crop. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c, postpaid.

107. **OLDS' RED CORED CHANTENAY.** This strain of Chantenay produces very smooth roots of even shape and size and free from eyes on the roots. The color is a rich orange, the core practically the same color.

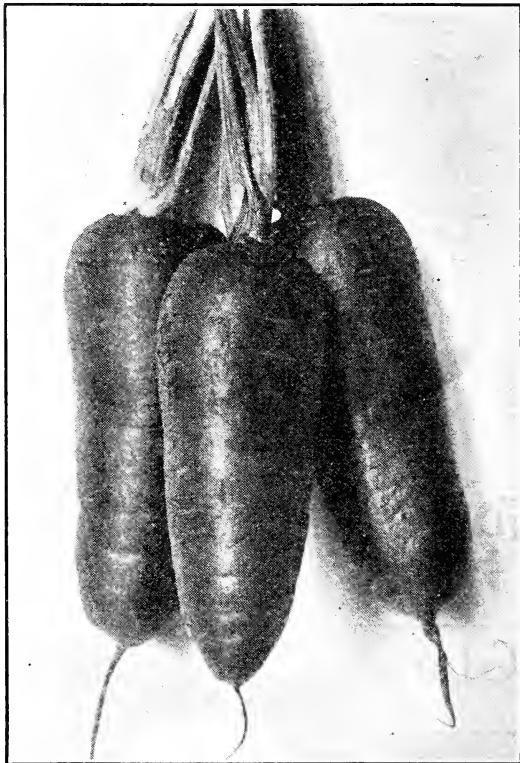
The carrots measure about 5½ to 6 inches in length, evenly stump rooted, with very small tail roots. Pkt., 10c; oz., 18c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

108. **OLDS' IMPERATOR.** An improved type of Danvers Carrot, longer, slimmer, with small shoulder and attractive color. Pkt., 10c; oz., 17c; $\frac{1}{4}$ lb., 40c; lb., \$1.10, postpaid.

"STOCK CARROTS"

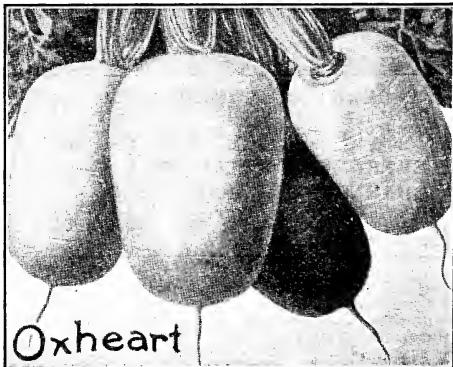
111. **LONG ORANGE BELGIAN.** While most of our other varieties of carrots also can be profitably grown for stock, Long Orange Belgian, on account of its great productiveness, will be found a most desirable variety to grow for feed. The roots are mammoth in size, about 20 inches long, yielding often as high as 10 tons per acre. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

112. **MASTODON.** The heaviest cropper of all varieties, yielding more tons to the acre than any other. Creamy white in color and of excellent quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.



Early Chantenay Carrot.

106. **★EARLY CHANTENAY. SELECT STRAIN.** One of the most popular varieties in America, for both table and stock purposes. The true type is half long, thick and very stump rooted, and in dimensions 5½ inches long, 2 to 2½ inches thick at the crown and tapering to 1 to 1½ inches at the bottom where it is very stump rooted with a decided rat tail. The color is bright orange scarlet and the core is rather large and definite. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.



103. **★OXHEART.** Very popular and pronounced by many "the best all around carrot." Very thick, 5 inches long, nearly as broad, and very blunt at the lower extremities. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c, postpaid.

105. **EARLIEST FRENCH FORCING.** The earliest carrot; best for forcing; roots almost round, 2½ inches through. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.25.

Olds' Red Cored Chantenay Carrot.

OLDS' CELERY

Each celery packet contains enough seed to produce 1,000 plants; one ounce will produce 7,500 plants.
Leaflet on celery culture, free on request.



Golden Self-Blanching.

115. OLDS' WHITE PLUME. The leaves are bright green at the base shading to nearly white at the tips. This variety grows large and the flavor is all that you could desire. It is very attractive in appearance and is easy to blanch. Pkt., 5c; $\frac{1}{2}$ oz., 20c; oz., 30c; $\frac{1}{4}$ lb., 90c, postpaid.

115½. OLDS' EASY BLANCHING. This variety is probably the earliest of all with the possible exception of the Golden Self-Blanching. It is more hardy than that variety, however, and not liable to blight. As the name indicates it is very easy to blanch and is white instead of yellow cast. It is an excellent keeper. Pkt., 7c; $\frac{1}{2}$ oz., 22c; oz., 35c; $\frac{1}{4}$ lb., \$1.00, postpaid.

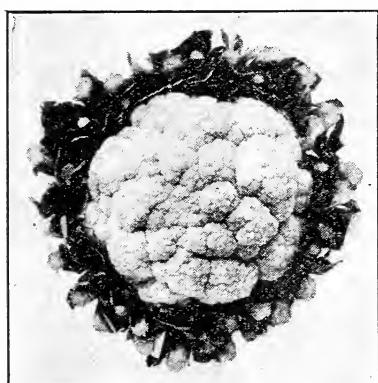
121. WINTER QUEEN. The best and most dependable late variety. Very fine for winter use. Of medium height; broad, light green stalks, very solid and crisp. Pkt., 5c; oz., 30c; $\frac{1}{4}$ lb., 90c, postpaid.

HOME GROWN CELERY PLANTS.

We can furnish Golden Self-Blanching (early) and Winter Queen (late). Ready about June 15th. Doz., 40c; 50 for \$1.25; 500 for \$5.50, postpaid.

OLDS' CAULIFLOWER

Olds' Cauliflower Seed is grown in Denmark and is the best that can be produced. Each packet contains enough seed to produce 200 plants; from 3 to 4 ounces of seed will furnish plants enough for one acre. Order by number. Leaflet on culture of cauliflower, free on request.



Olds' Super Snowball.

91. OLDS' SUPER SNOWBALL. Our 1930 introduction. It is a real marvel, both in earliness and in uniformity of heading. It will head from 2 to 3 weeks sooner than the earliest strains of cauliflower that we know of and very uniformly throughout the field. The heads are large, deep and solid and have a pure white color. Foliage strong and vigorous, forming a good protection. The crop can be completely harvested 4 months from the time the seed is sown. In our experience we have not found a cauliflower that can compare with this variety. Pkt., 25c; $\frac{1}{4}$ oz., 90c; $\frac{1}{2}$ oz., \$1.65; oz., \$3.00; $\frac{1}{4}$ lb., \$11.85, postpaid.

90. IMPROVED EARLY SNOWBALL. Undoubtedly the most popular early variety either for the home or market garden. The medium sized, snow-white heads (six to ten inches in diameter) are firm, compact and solid, with few short, upright leaves. Our seed is grown in Denmark and equal to any strain of Snowball on the market. Pkt., 17c; $\frac{1}{4}$ oz., 65c; $\frac{1}{2}$ oz., \$1.15; oz., \$2.20; $\frac{1}{4}$ lb., \$7.10, postpaid.

"Your seeds are among the best seeds in the United States"—
Frane Schneider, Illinois.

"I had very good success with the resistant cabbage seed I ordered from you last season. Not one plant died of the 'Yellows.'"
—Mrs. Roy H. Noll, Illinois.



Dry Weather Cauliflower.

93. DRY WEATHER. The best all-purpose cauliflower for every kind of soil. It produces large, solid, pure white heads. Matures about a week later than Improved Early Snowball. We recommend this variety very strongly where success against crop failure in hot, dry weather is desired. It grows large heads too, larger than Snowball and is a sure header. Pkt., 15c; $\frac{1}{4}$ oz., 60c; $\frac{1}{2}$ oz., \$1.10; oz., \$2.00; $\frac{1}{4}$ lb., \$6.65, postpaid.

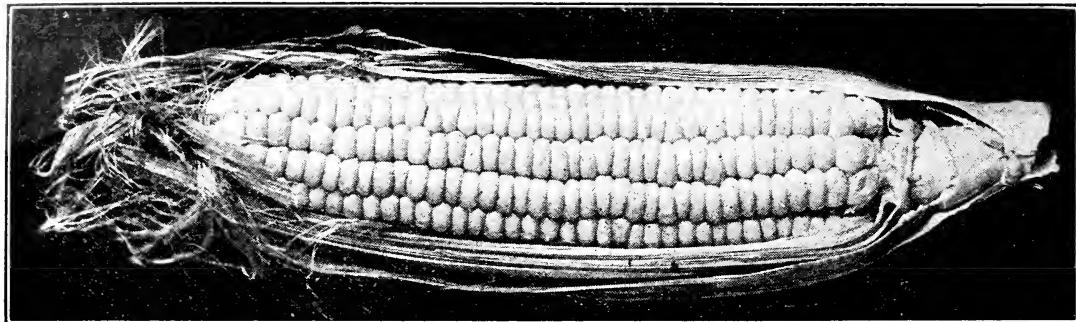
94. AUTUMN GIANT. One of the finest late varieties. Heads large and compact. A vigorous grower. Pkt., 10c; $\frac{1}{4}$ oz., 20c; oz., 50c; $\frac{1}{4}$ lb., \$1.75, postpaid.

OLDS' HOME GROWN CAULIFLOWER PLANTS.

We can furnish Improved Early Snowball (early) and Dry Weather (second early). Ready early in May. Doz., 40c; 50 for \$1.25; 100 for \$2.25, postpaid.

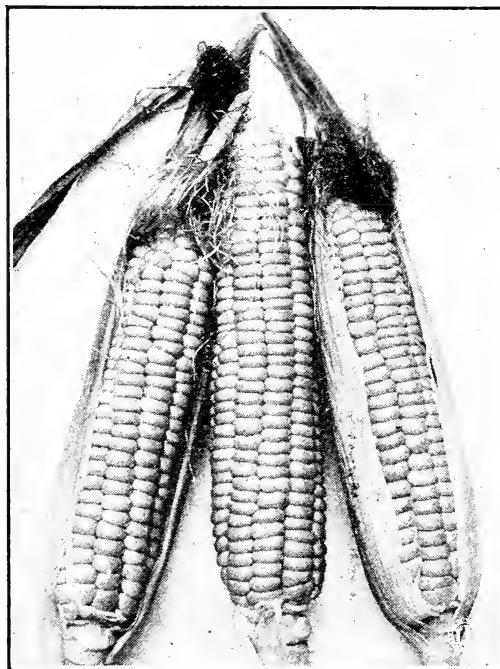
OLDS' SWEET CORN

Our Sweet Corn is all first class, high testing seed. Our packets each contain two ounces, larger than the usual packet and enough for 30 to 40 hills. One peck (11 lbs.) will plant an acre. We recommend using Semesan Jr., with Sweet Corn as well as Field Corn. See page 75. For large amounts see Market Gardeners' list, pages 5 and 6.



Olds' Golden Sunshine Sweet Corn.

148. OLDS' GOLDEN SUNSHINE. This new valuable variety was developed and introduced by Dr. Yeager of the North Dakota Agricultural Experiment Station. It has a rich golden color; the ears are about one inch longer than Golden Bantam and usually have 12 rows instead of 8, while the quality practically equals that of the famous Bantam. The most important feature of Golden Sunshine Corn is its extreme earliness. It is actually 7 to 10 days earlier than Golden Bantam. Our stock of this new corn is especially fine. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.



Golden Bantam.

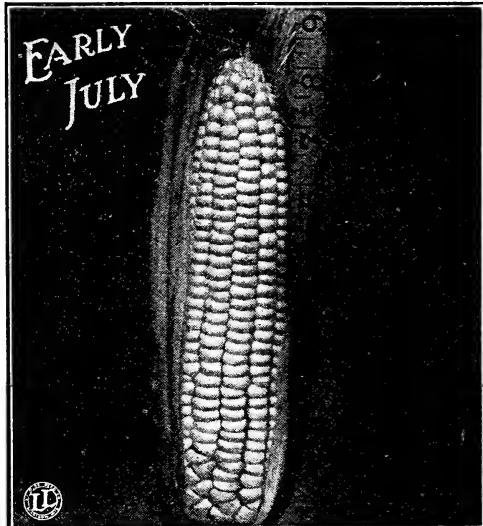
142. GOLDEN BANTAM. Most popular variety in the United States. Everyone likes Golden Bantam. Indeed, many people will not take any other when it is obtainable. The flavor is deliciously distinct, superior to that of any other corn. The small 8-rowed ears, usually less than 6 inches in length and several on a stalk, are perhaps higher in sugar content than any other corn. It is only 10 to 12 days later than Early July, making a good succession when both varieties are planted at the same time.

The kernels are tender, very wide and of good depth, while the cob is small, and the flavor delicious. Large pkt. (2 ozs.), 6c; $\frac{1}{2}$ lb., 15c; 1 lb., 28c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.

142½. BANTAM EVERGREEN. Many attempts have been made to combine the sweetness, earliness, color and flavor of Golden Bantam, with the tender skin and large ear of the Evergreen. The Bantam Evergreen is the only really successful cross. Large pkt. (2 ozs.), 8c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

144. GOLDEN GEM. Our new variety of sweet corn introduced by Dr. Yeager of the North Dakota Experiment Station. Very similar to the famous Golden Bantam and one of the finest of all. Decidedly earlier than Golden Bantam. Earlier even than Golden Sunshine. See front cover and page two for complete description. Order early as the supply is limited. Large pkt., 15c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c; 2 lbs., \$1.00, postpaid.

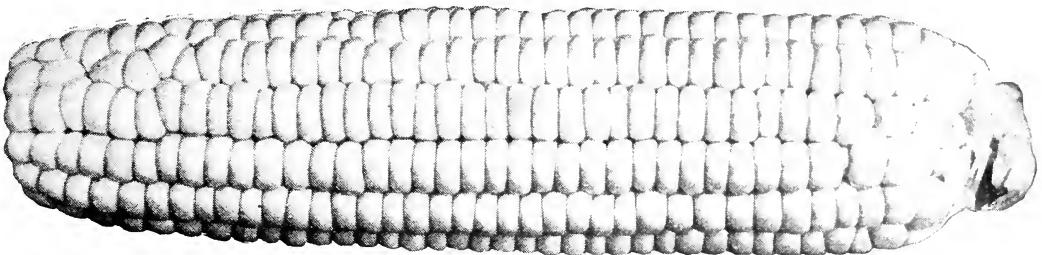
136. MAMMOTH WHITE CORY. Larger than the original White Cory and still one of the very earliest varieties of sweet corn. It was named Mammoth White Cory because the ears are so large for an extra early variety. Large pkt., (2 ozs.), 7c; $\frac{1}{2}$ lb., 16c; 1 lb., 30c; 2 lbs., 50c, 5 lbs., \$1.00, postpaid.



135½. OLDS' EARLY JULY. Way ahead of everything else in earliness. For eleven years we have been growing this variety and we like it now better than ever. To say that it is earlier than Golden Bantam is perhaps recommendation enough. It has produced corn ready for table use in 60 days every year.

The ears are creamy white, about seven inches long and on account of the very admirable habit of producing two, three and even four good ears to the stalk, it is really very productive. It has a short stalk with few leaves, so you can plant six or eight kernels to the hill. Large pkt. (2 ozs.), 10c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 2 lbs., 70c; 5 lbs., \$1.50, postpaid.

OLDS' SWEET CORN



Stowell's Evergreen Sweet Corn.

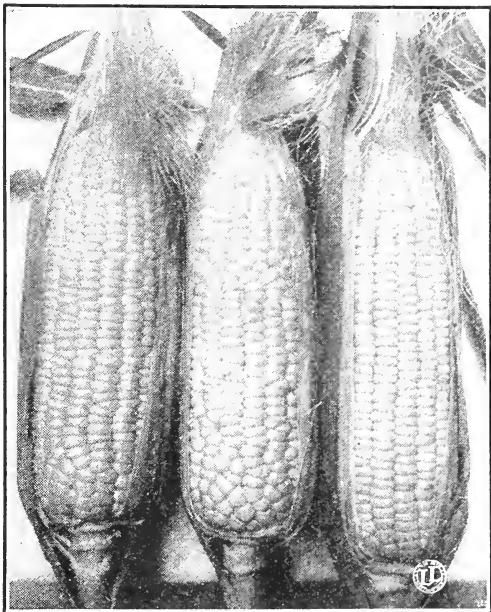
147. ★**STOWELL'S EVERGREEN.** The best known and most largely planted of all late varieties. It makes the largest ear and the most fodder of any sweet corn we list, and the corn is tender, sweet, and of excellent flavor. Its popularity is also due to the fact that it remains long in the milk before ripening up, thereby lengthening its season for table use; hence the name, Evergreen. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 18c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.

139½. ★**COUNTRY GENTLEMAN.** Often called "Shoe-peg" corn because of the long, narrow, pointed kernels, with their crowded and irregular arrangement on the cob. It is a distinct late variety, with 2 to 5 big ears on a large stalk. A favorite main crop sweet corn, packed from tip to butt with long pearly-white kernels set closely on a remarkably small cob. Sweeter and finer flavored than any other white corn and one of the best of the late varieties for table use. Large pkt. (2 ozs.), 10c; $\frac{1}{2}$ lb., 25c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.50, postpaid.

145. ★**OLDS' EARLY EVERGREEN.** An extra fine strain of Stowell's Evergreen with large ears, yet ready for the table 7 to 8 days earlier than Stowell's. It retains the fine sugary flavor and tenderness of kernel that have made the Evergreens popular. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 17c; lb., 32c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

140½. ★**BLACK MEXICAN.** One of the richest and sweetest of all varieties of sweet corn. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 16c; lb., 30c; 2 lbs., 50c, postpaid.

138½. ★**HOWLING MOB.** This variety is so valuable that it heads the list with many growers. When it was first offered the demand for it became so loud and clamorous that it was given its queer but appropriate name. It is one of the best flavored and most tender of all second-early or main crop varieties. Very productive, ears nine to ten inches long, and sixteen rows. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 16c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.



Early Champion.

139. ★**EARLY CHAMPION.** One of the best main crop, second-early varieties. Stalks large and leafy; strong-growing and dependable. The ears are large, usually two on a stalk. Kernels are large and white and full of milk; 10 to 12 rows to the ear.

An all-around good sweet corn for either home or market garden. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

Howling Mob.

THREE VARIETIES OF SWEET CORN FOR SUCCESSION

The following three varieties are splendid for succession. Plant all at one time and you will have sweet corn over a long period.

Early July, first early, Golden Bantam, second early, and Country Gentleman, late. Pkt. of each, 15c; $\frac{1}{2}$ lb. of each, 40c; 1 lb. of each, 70c, postpaid.

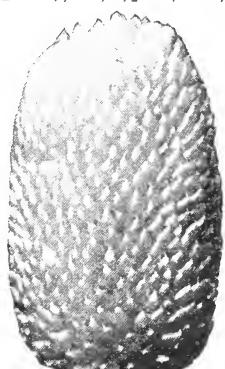
OLDS' POP CORN

154½. ★**TOM THUMB.** Known also as Hulless, Dwarf Rice and Squirrel Tooth. This variety grows very dwarf, and the ears are short and stubby, with long narrow pointed kernels. It is ready for popping soon after it is husked. It is almost hulless and when popped there is no hard center, making it the finest eating of all varieties. It is a favorite in all markets. Pkt., 6c; $\frac{1}{2}$ lb., 18c; lb., 32c; 2 lbs., 55c; 5 lbs., \$1.10, postpaid.

150. ★**WHITE RICE.** The familiar shoepegged variety, several good sized ears to each stalk. Pkt., 6c; $\frac{1}{2}$ lb., 16c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.

153. ★**AUSTRALIAN MUSHROOM.** Sometimes called T. N. T. Our new variety of pop corn. See page 2 for complete description. Pkt., 7c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 60c, postpaid.

151. ★**QUEEN'S GOLDEN.** Long yellow ears with flat round kernels. Ears produced in abundance and easy to husk. Pkt., 6c; $\frac{1}{2}$ lb., 18c; lb., 30c; 2 lbs., 50c; 5 lbs., \$1.00, postpaid.



Tom Thumb Pop Corn.

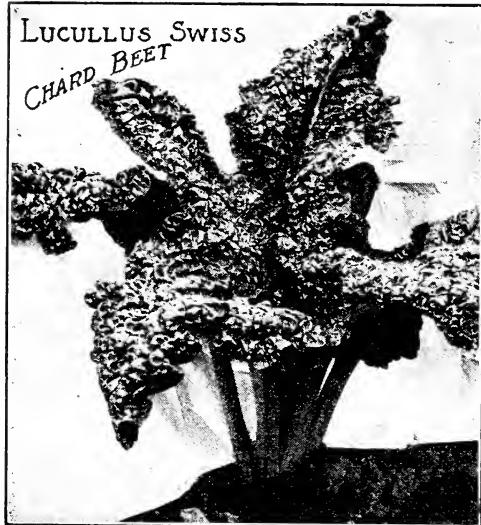
LITTLE KNOWN VEGETABLES

We are offering on these two pages vegetables which are little known but which should be included in every garden. In the home garden, space can always be found for a few Egg Plants, some Brussels Sprouts, Kohl Rabi and so on. These vegetables are not usually available in the market but have a garden of your own and put in what you like.

BROCCOLI.

97. OLDS' ITALIAN GREEN SPROUTING.

 Hardier and easier to grow than cauliflower. This new and distinct variety of Broccoli forms a plant with a large solid head, that remains green. When the central head is cut, numerous sprouts develop from the large axis, every sprout terminating in small, green heads. These heads are cut and served like cauliflower. Pkt., 12c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.75; lb., \$5.00.



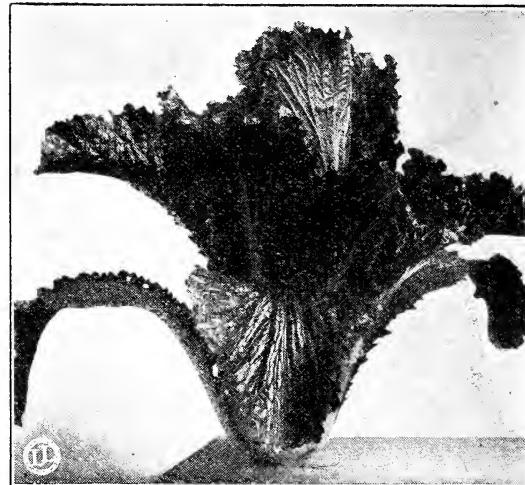
52 $\frac{1}{2}$. **LUCULLUS SWISS CHARD.** The city gardener's friend. Largely used for greens. Grows again after being cut off. The plants grow from two to two and one-half feet in height. Stalks are thick, broad, and flat. Delicious when cooked and served like asparagus. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 32c; lb., \$1.00, postpaid.



Black Beauty Egg Plant.

397. **MAMMOTH SANDWICH ISLAND.** This is the best variety of Salsify; in fact the only one worth considering. The roots are long, smooth and straight. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.00, postpaid.

Recipe for use: Scrape the roots clean, cut in slices and boil in water. When cooked soft, (do not drain) add milk and flavoring, the same as for oysters.



Chinese or Celery Cabbage.

83 $\frac{1}{2}$. **CHINESE OR CELERY CABBAGE.** (Chihli.) Earliest and surest heading Chinese Cabbage. This plant does not form a solid head like cabbage, but grows a long, loose head somewhat like Cos Lettuce. It is very mild and a real delicacy. Plant late July in rows and thin to about a foot apart. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., 95c; lb., \$3.25.

CHICORY

130 $\frac{1}{2}$. **WITLOOF.** (French Endive.) A delicious winter salad. Grown for its delicate shoots. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50, postpaid.

CRESS.

Used for salads and flavoring.

134. **EXTRA CURLED.** (Pepper Grass.) The best variety. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

EGG PLANT.

Egg Plant is easily grown and is a good substitute for meat. When cooked in fat it has a fine food value and is also good when sliced, rolled in beaten egg yolk and crumbs, seasoned and fried.

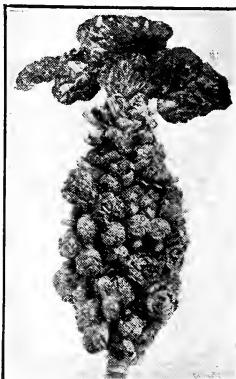
181. **★BLACK BEAUTY.** The best egg plant to grow for early market. Also the best for home use. It is fully ten days earlier than the New York Improved Purple and nearly as large. Spineless. Pkt., 10c; oz., 45c; $\frac{1}{4}$ lb., \$1.50; lb., \$4.75, postpaid.

180. **NEW YORK IMPROVED PURPLE.** The favorite market variety. Plant is large and spreading. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.40; lb., \$4.50, postpaid.

BRUSSELS SPROUTS.

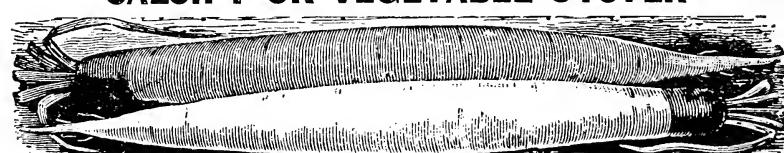
Brussels Sprouts are miniature cabbages formed on the plant stalk. The culture is the same as that of cabbage.

65. **OLDS' NEW DANISH.** The plants are strong and robust, and the stalks are large, thick and close-jointed. But the most desirable feature is that almost the whole stalk is covered and the sprouts are fine and solid the entire length. Pkt., 7c; oz., 25c; $\frac{1}{4}$ lb., 80c; lb., \$2.50, postpaid.



Olds' New Danish Brussels Sprouts.

SALSIFY OR VEGETABLE OYSTER



Mammoth Sandwich Island Salsify.

FOR EVERY GARDEN



White Curled Endive.

ENDIVE.

Endive or French Lettuce is one of the finest salad greens and is also valuable for garnishing. It can also be used for flavoring stews and soups.

185. **GREEN CURLLED.** Dark green leaves; blanches white. Very attractive.

186. **WHITE CURLLED.** Leaves finely cut and almost white. Fine for salad.

187. **BROAD-LEAVED BATAVIAN.** Leaves very broad. All varieties. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

GARLIC.

Garlic comes in bulbs only, which should be separated and planted the same as onion sets and cultivated in the same way. Bulbs, $\frac{1}{4}$ lb., 20c; lb., 50c; 2 lbs., 90c, postpaid.

GOURDS.

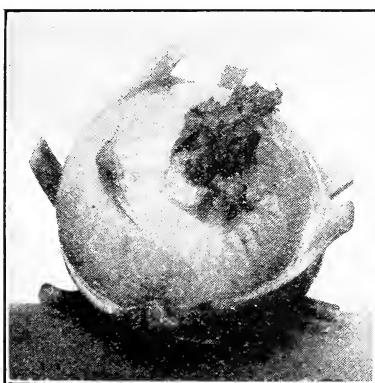
199. **MIXED GOURDS.** This mixture contains a very wide range of colors, shapes, and sizes. Pkt., 7c; oz., 18c; $\frac{1}{4}$ lb., 50c; lb., \$1.75, postpaid.

193. **HERCULES CLUB.** Edible, ornamental, and useful. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.00, postpaid.

KALE.

Kale is usually grown for greens and is also used here in the north as winter green feed for chickens.

201. **DWARF CURLLED SCOTCH.** Dwarf spreading variety. Attractive bright green color. Very hardy. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.



Early White Vienna Kohl Rabi.

KOHL RABI.

Kohl Rabi has a turnip and cabbage flavor. The bulb which is formed above the ground is cooked like turnips.

205. **EARLY WHITE VIENNA.** Probably the best early variety. Extremely early with small tops. Medium size, handsome, white bulbs. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00, postpaid.

206. **PURPLE VIENNA.** A popular variety for table use. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00, postpaid.

LEEK.

Leeks belong to the onion family and are valuable for soups and salads; they may also be sliced and cooked like green peas.

210. **AMERICAN FLAG.** Large, thick stems. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00, postpaid.

MUSTARD.

Used for greens and salads.

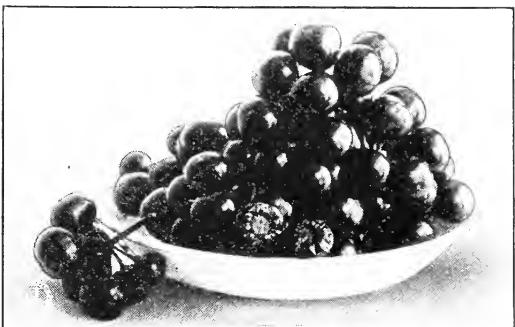
257. **SOUTHERN GIANT CURLLED.** Most popular variety. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c, postpaid.

259. **MUSTARD SPINACH.** Our new Japanese Mustard described fully on page 2 is grown mostly for greens and proclaimed by many to be superior to spinach. It is difficult to grow spinach in hot weather but this variety does especially well during hot, dry summer. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

OKRA.

The long pods are used in soups and salads.

278. **EARLY DWARF LONG POD.** An early dwarf growing variety producing an abundance of long fruited, dark green, four-inch pointed pods. Seed of this variety can be planted in the open ground. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 80c, postpaid.



Garden Huckleberry.

200. GARDEN HUCKLEBERRY—WONDERBERRY.

A wonderful, prolific plant needing same culture as tomatoes. When ripe the berries are about one inch in diameter, of shining black color. They make delicious pies, preserves and jam. Fruit is non-edible when not fully ripened. Pkt., 10c; oz., 50c, postpaid.

HERBS.

480. **ANISE.** The leaves of this herb are finely fringed and are used in garnishing and flavoring. Pkt., 7c; oz., 15c, postpaid.

481. **BALM.** The leaves are very fragrant and are used to flavor summer drinks. A perennial herb. Pkt., 10c; oz., 50c, postpaid.

482. **BORAGE.** The leaves are used for flavoring cordials. It is also excellent bee food. It grows freely and has beautiful sky blue flowers. Pkt., 7c; oz., 20c, postpaid.

483. **CARAWAY.** Seed used in rye bread, cookies and cakes. Pkt., 7c; oz., 20c; $\frac{1}{4}$ lb., 40c, postpaid.

484. **CORIANDER.** An annual herb. The seeds are used in pickles and confectionery. Pkt., 7c; oz., 15c, postpaid.

485. **DILL.** Leaves and seed used for flavoring in dill pickles, soups and sauces. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; 1 lb., 80c, postpaid.

487. **LAVENDER.** A hardy perennial. Leaves are used for seasoning and the dried leaves are used for sachets. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c, postpaid.

488. **SWEET FENNEL.** A perennial herb. Seeds are used in confectionery. The young shoots can be eaten raw or used in soups and salads for flavoring. The plants grow about three feet high with large yellow flowers. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c, postpaid.

489. **MARJORAM.** Sweet. Tops green or dried, used for flavoring soups. Pkt., 10c; oz., 25c, postpaid.

490. **ROSEMARY.** A perennial herb with a fragrant odor. The leaves are used for flavoring soups and meats. Pkt., 10c; oz., 75c, postpaid.

492. **SAGE.** (Perennial.) Dried leaves much used for seasoning in dressings; the most popular of all herbs. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c, postpaid.

494. **SUMMER SAVORY.** Annual herb. Dried leaves and flowers are used for flavoring soups and dressings. It is similar to Thyme but much milder. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c, postpaid.

496. **THYME.** Perennial herb. The leaves and shoots are used for seasoning and flavoring sausage and other meats. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.10, postpaid.

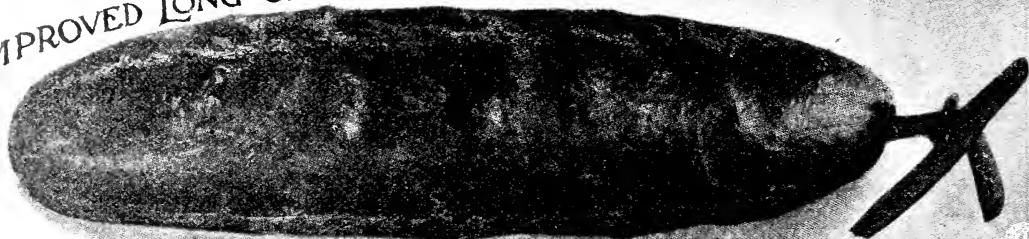
498. **WORMWOOD.** Perennial herb. The dried leaves are used as a poultry tonic. It has a fragrant, spicy odor and a bitter taste. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c, postpaid.

499. **MIXED HERBS.** A mixture of all varieties. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c, postpaid.

OLDS' CUCUMBERS

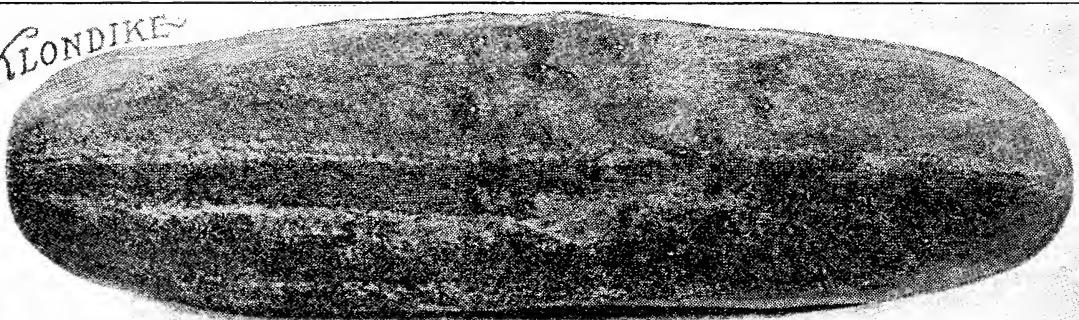
CULTURE: Plant in hills 4 feet apart, as soon as the weather is favorable, sowing 8 to 12 seeds to a hill and covering about one inch deep. When the fourth leaf appears thin to 3 plants to the hill. A packet will plant 12 to 15 hills, two pounds one acre. Use Slug Shot for striped bugs. See page 98.

IMPROVED LONG GREEN



165. **OLDS' IMPROVED LONG GREEN.** A standard main crop, table and pickling variety. One of our largest sellers. Vines vigorous and productive. Fruits are 12 to 14 inches long, firm and crisp. Color deep green, flesh white and firm. Pkt., 8c; oz., 17c; $\frac{1}{4}$ lb., 40c; lb., \$1.20; postpaid.

KLONDIKE



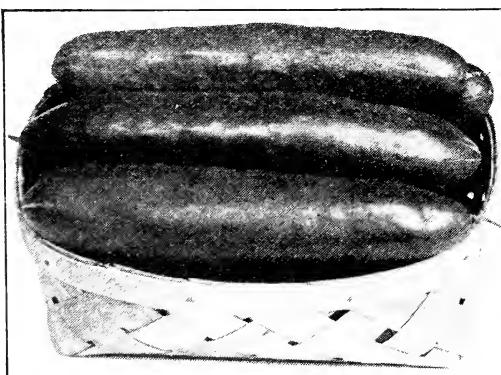
162 $\frac{1}{2}$. **KLONDIKE.** A white spine variety, excellent for shipping. Medium early, dark green, about 7 inches long. The fruits are thick at the stem end, very attractive in appearance, retaining color and crispness a long time. A wonderful keeper. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 30c; lb., 80c, postpaid.

170. **JAPANESE CLIMBING.** A distinct variety used to cover trellises, fences, etc. When in the slicing stage color is a splendid deep green. A very hardy, vigorous-growing cucumber of good quality. Length 9 inches. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid.

168. **★EARLY RUSSIAN.** The earliest cucumber in cultivation. This variety can be picked early for bottle cucumbers or allowed to grow just a few days longer for first early slicers. It is very even, smooth, tender, crisp and is hardy and free from disease. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 30c; lb., 80c, postpaid.



Early Russian.



Olds' Longfellow Cucumber.

172. **OLDS' LONGFELLOW.** The cucumbers are 12 to 16 inches long, thinner than Davis Perfection and very uniform in shape and size, with decidedly few seeds. The color is dark green and will remain so until ripe. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$2.00, postpaid.



OLDS
Improved
Chicago
Pickling



158. **★OLDS' IMPROVED CHICAGO PICKLING.** Our best seller of all cucumbers. Of uniform size, productive and good color. Sets its fruits when the vines are quite young. An excellent pickling variety. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 95c.

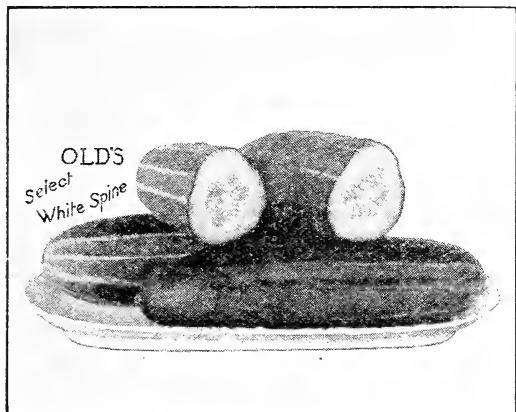
OLDS' CUCUMBERS



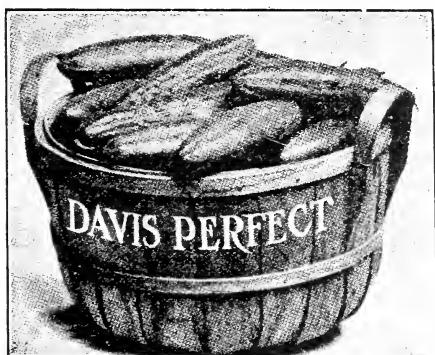
Olds' Early Fortune.

160½. ★OLDS' EARLY FORTUNE. Generally considered the finest type of all the White Spine varieties of cucumber. Certainly one of the best cucumbers ever introduced, very productive and disease resistant, dark green skin; fruits nine inches long, slightly tapering; flesh white, very firm and crisp, with very few seeds. A leading market variety and also splendid for the home garden. Pkt., 8c; oz., 25c; ¼ lb., 38c; lb., \$1.10, postpaid.

156. EARLY GREEN CLUSTER. A small variety, about 6 inches in length, produced in clusters. Very early, prolific and uniform. Skin smooth, the ends tapering slightly. Pkt., 5c; oz., 12c; ¼ lb., 30c; lb., 90c, postpaid.

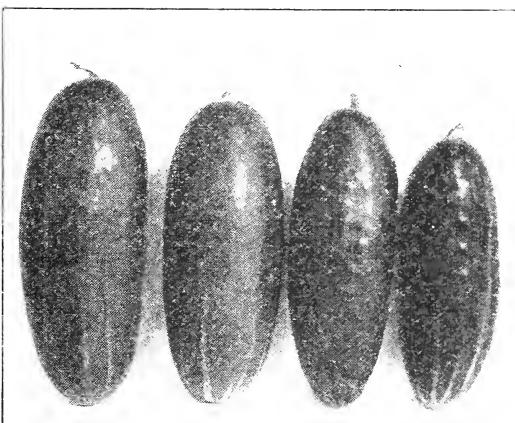


164. OLDS' SELECT WHITE SPINE. We think this is the best White Spine; no other variety excels it in quality. A very select strain, almost cylindrical in shape, very productive. Pkt., 10c; oz., 20c; ¼ lb., 45c; lb., \$1.25, postpaid.



169. ★DAVIS PERFECT. White Spine type. A very popular strain. One of the smoothest and most uniform in shape of all cucumbers. Of a deep green color when in the slicing stage, medium late. Pkt., 8c; oz., 17c; ¼ lb., 40c; lb., \$1.20, postpaid.

159½. OLDS' EARLIEST WHITE SPINE. The earliest White Spine. It is, in fact, probably the earliest of all large cucumbers, being fully ten days ahead of the other big ones. Uniform, smooth, handsome in appearance. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., 95c; 2 lbs., \$1.80, postpaid.



Stays Green.

157. STAYS GREEN CUCUMBER. A popular early, dark green cucumber grown extensively in the South for Northern markets. It is a white spine variety, fruits symmetrical, nearly square ended, averaging 8x3 inches in size. Stays Green holds its deep green color longer than any other cucumber. The flesh is clear white, crisp and solid and contains very few seeds. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., 95c, postpaid.

DEPENDABLE SEED POTATOES

Do not overlook our Seed Potatoes offered on pages 85 to 87. We have long made a specialty of choice dependable stock of the leading varieties. Most of it is "Certified Stock."

February 7, 1931.

"Your cabbage is the best we can get because it is resistant to disease. I will send you another order later."

D. V. Rodeffer, Virginia.

"Your Dollar Garden Seed Collection can't be beat. We depend on it."

Mr. E. A. Sandstrom, Illinois.

"We think your seeds the best there are. You will receive our other order later on."

Geo. F. Geisler, Wisconsin.

OLDS' LETTUCE

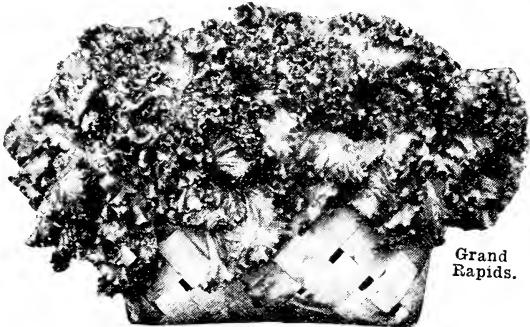
Lettuce is one of the easiest to grow of all garden vegetables. Everyone should sow some. Lettuce is rich in all the vitamins and also contains iron. It is one of the most important leafy vegetables.

CULTURE: A light rich soil is best for this vegetable but it will do well on practically any good garden soil. The best lettuce will be had by keeping the crop growing rapidly. Leaf lettuce should be planted in the open ground as soon as it can be worked. Sow in rows and thin to a distance that will allow proper growth. Head lettuce should be started either in cold frames and transplanted in the open or sown in about the same manner as the loose leaf. The plants should be thinned to about 12 inches apart.

It is necessary to have cool weather for lettuce to head up well and the earlier the plants can be started in the field the surer you are of a crop. Head lettuce can be again planted in the fall and will head up well during the cool fall days.

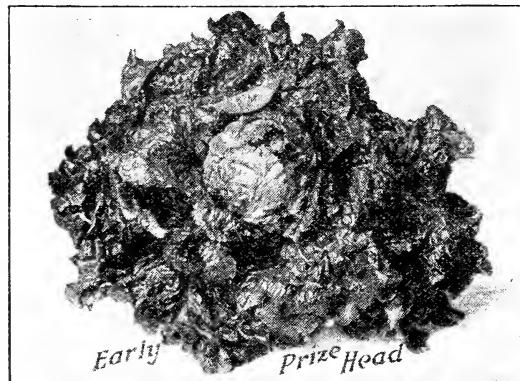
Lettuce is an exceptionally good green food for chicks and the plants that are thinned out should be used for that purpose. Our packets each contain enough seed to sow 25 or 30 feet. Three pounds will sow an acre. Those marked with a star are varieties which we especially recommend. Ask for our leaflet on lettuce culture. If you are in the market for large quantities of seed consult our **Market Gardeners' Price List** on pages 5 and 6.

LOOSE-LEAF VARIETIES



Grand
Rapids.

215. ★GRAND RAPIDS. (Olds' Earliest Forcing.) A loose-leaf lettuce. The earliest variety we list and doubtless the earliest lettuce grown. It makes a rapid, upright growth of light green leaves, much crumpled, curled and frilled. It is of good quality, very brittle and a handsome lettuce for garnishing. Well known and a favorite everywhere. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40, postpaid.



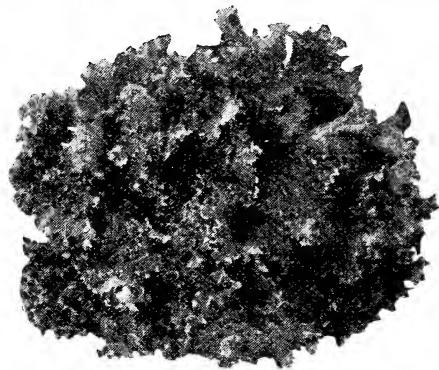
Early
prize
Head

220. ★EARLY PRIZEHEAD. One of the best known and most popular varieties in America. It is a curled, crisp, loose-leaf lettuce of medium size; color, green overlaid with reddish-brown. It is one of the best home varieties as it grows quickly and makes an abundance of crisp leaves of the best flavor. Pkt., 8c; oz., 17c; $\frac{1}{4}$ lb., 45c; lb., \$1.35, postpaid.

221. OLDS' OAKLEAF LETTUCE. We lost our complete stock of this lettuce about three years ago and we thought that we would have to drop the variety from our list. However, a good customer of ours on the Pacific Coast gave us some seed which we planted last year. We now have therefore a small amount of seed which we are offering again. Olds' Oakleaf Lettuce forms a close center, but with rather loose outside leaves; medium size and medium green. The leaves are deeply lobed and the middle lobe is long like a finger giving the plant a peculiar appearance. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c; lb., \$2.00, postpaid.

Jan. 20, 1931

"This makes 27 years I have bought seed of you."—Curry
L. Flora, Indiana.



Black-Seeded Simpson Lettuce.

219. OLDS' BLACK-SEEDED SIMPSON. Probably the most widely planted loose-leaf variety. The leaves, pale green in color, are much curled and twisted, very brittle, crisp and sweet. A quick growing early variety; leaves may be cut when quite small. Our favorite lettuce of all the varieties. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

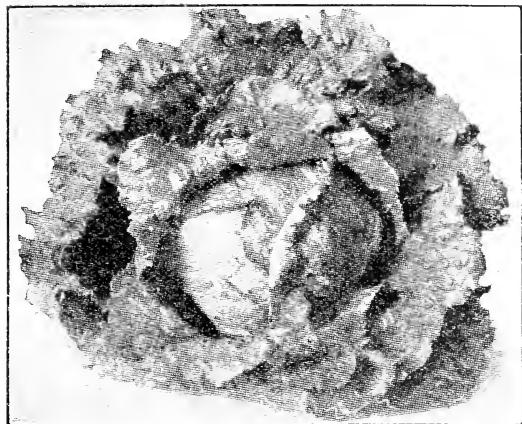
234. OLDS' LETTUCE MIXTURE. Consists of a splendid assortment and contains early, second early and late lettuce; loose-leaf, semi-heading and head lettuce; smooth leaf, curly leaf and notched leaf lettuce; leaves of light green, medium green, dark green and reddish-brown. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.



Paris White Cos.

231. PARIS WHITE COS. The aristocrat of the lettuce family. Distinguished by its long, narrow, spoon-shaped leaves, folding into loose, long heads which are self blanching. It is the lettuce of the great hotels and restaurants. Just as easily grown as other varieties. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40, postpaid.

OLDS' LETTUCE HEAD VARIETIES



New York or Wonderful.

218. ★**NEW YORK OR WONDERFUL.** The largest head lettuce of all and the most popular. It frequently weighs two to three pounds. The heart is very solid and of a pleasing dark green color. Leaves are large and crumpled. Ready for market in 60 to 65 days from planting time. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c; lb., \$2.00, postpaid.



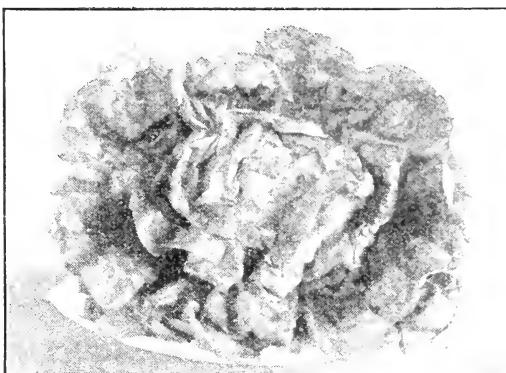
WAYAHEAD

 232. ★**OLDS' WAYAHEAD.** In our trials Wayahead has proved to be the very earliest head lettuce—nor does it lose anything in size because of its earliness, for it averages fully as large as the later varieties. The light green leaves are tightly folded, making firm, compact, solid heads that blanch to a rich buttery yellow. Tender, brittle and sweet. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40, postpaid.

217. **HANSON'S IMPROVED.** The old reliable sure heading variety. Hardy, globular, large and light colored. Leaves fairly large, blistered and crumpled. Color light green. Quality good. This variety will withstand the hot season better than most sorts and is a slow seeder. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

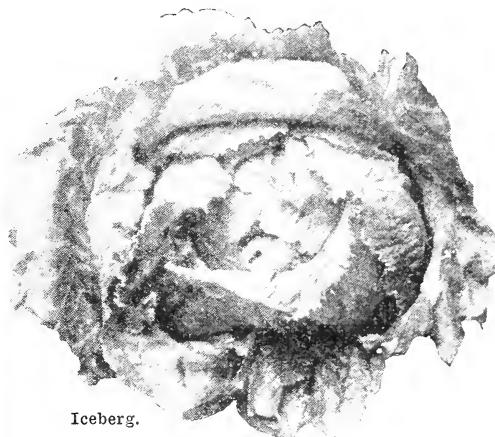
223. ★**WHITE BOSTON.** This variety of head lettuce resembles the Big Boston. Is quite popular with the eastern growers. It is a fairly new variety, and so far has been resistant to tip burn; early, hardy and a brittle head. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

(See page 88 for Garden Drills and other tools.)



May King Lettuce.

227. ★**MAY KING.** A cabbage type with butter head. Medium small, light green, tinged slightly at the edges with brown; one of the best extra early-heading varieties. Pkt., 8c; oz., 17c; $\frac{1}{4}$ lb., 45c; lb., \$1.40, postpaid.



Iceberg.

216. ★**ICEBERG.** A large, medium late, cabbage-heading lettuce. Heads very hard. Curled and crisp leaves; wavy with fringed edges. It retains its brittleness even in hot weather. Very popular in the Northwest. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.65, postpaid.



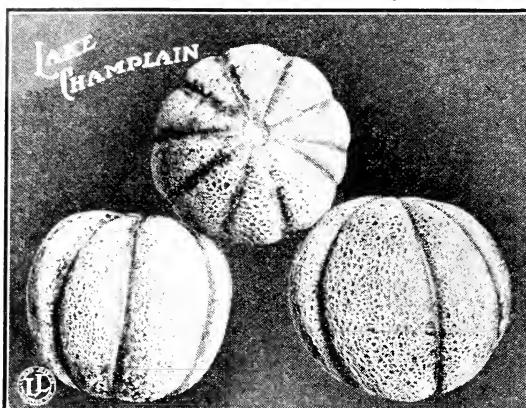
Big Boston.

222. ★**BIG BOSTON.** A popular head lettuce. One of the most largely grown varieties in cultivation; early, hardy, with brittle head tending to a golden yellow. Pkt., 8c; oz., 17c; $\frac{1}{4}$ lb., 45c; lb., \$1.35, postpaid.

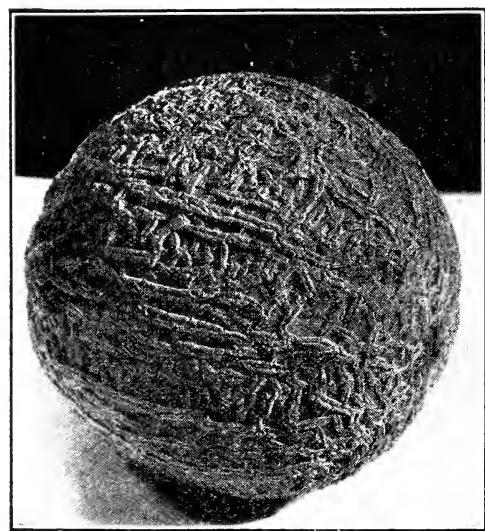
OLDS' MUSKMELONS

Our muskmelon seed is all northern grown and will ripen far ahead of southern grown seed. Early crops bring the best prices. Bear this in mind when placing your order for seeds.

CULTURE: Muskmelons desire a warm rich soil, preferably sandy. Plant in the open ground as soon as the weather is warm. Plant seed in hills 4 to 6 feet apart each way and 8 to 10 seeds in a hill. After the danger of insects is over thin to 3 plants to a hill. Fertilizer worked into the soil is a great help. We recommend Vigoro or 4-8-6. See page 92. Muskmelons can be started in paper pots and transplanted to the open field. In this way you gain 2 to 3 weeks in earliness. One packet of seed will plant 10 to 15 hills; 2 to 3 pounds an acre.



235. ★LAKE CHAMPLAIN. The new extra early. On our trial grounds, the earliest in fact of all varieties. Lake Champlain is a round melon, well netted and with thick orange-hued flesh, honey-sweet, melting and delicious. A very fine extra early quality melon for the home garden. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.



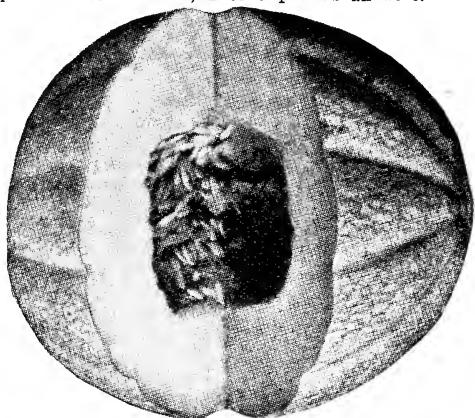
Olds' Honey or Sugar Rock.

251. ★OLDS' HONEY OR SUGAR ROCK. Our 1930 introduction. This melon has four outstanding characteristics—quality, productiveness, ability to stand shipping and handling and striking appearance.

The Honey or Sugar Rock has a deep orange flesh and has a flavor different from other sorts. It cannot be appreciated without tasting it. The fruits are oval and medium in size, not ribbed. Matures in about 85 days from seed. This melon is not as large as the Milwaukee Market nor will it weigh as much. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$1.90, postpaid.

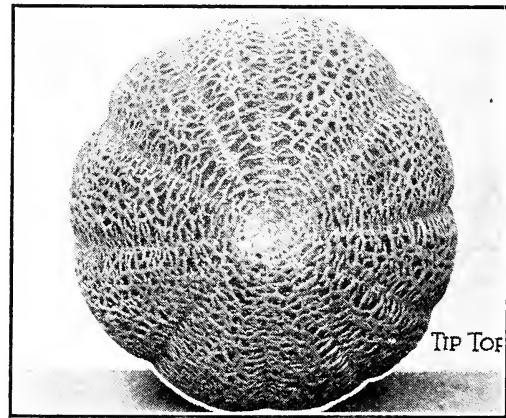
236. EXTRA EARLY HACKENSACK. An early selection from the old Hackensack and one of the most popular of the extra early green-fleshed varieties. Excellent quality. Pkt., 3c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 90c, postpaid.

241. SPECIAL STOCK HAND CUT MILWAUKEE MARKET. Select stock for critical Market Gardeners. Pkt., 12c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.75, postpaid.



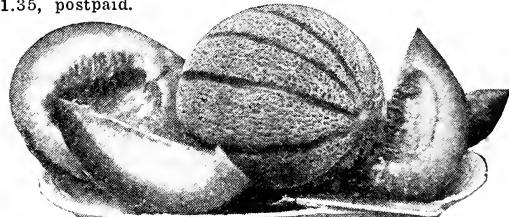
Milwaukee Market.

241½. ★MILWAUKEE MARKET. One of the best melons for both market and home garden. See front cover. Prolific, vigorous in growth and unsurpassed in flavor. This new melon is now more largely grown, in this section at least, than any other variety. The skin is light green, fruits nearly round with a small seed cavity. Flesh a deep salmon color, thick, firm and solid. Our largest seller. Pkt., 10c; oz., 18c; $\frac{1}{4}$ lb., 45c; lb., \$1.35, postpaid.



Tip Top

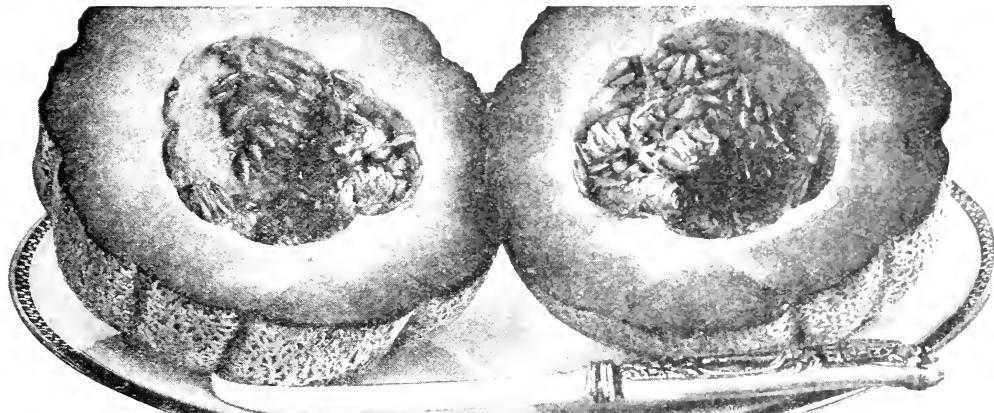
254. TIP TOP. Tip Top in quality, appearance and productiveness. Skin pale green ribbed and lightly netted. Flesh deep salmon, sweet and spicy, fine flavored and eatable to the rind. Pkt., 10c; oz., 18c; $\frac{1}{4}$ lb., 45c; lb., \$1.35, postpaid.



Early Knight.

237. EARLY KNIGHT. (Sweet Air.) Extremely popular with eastern growers. It is a happy combination of earliness, productiveness and quality. The melons are nearly oval in shape; densely netted; of good size, with thick, medium green flesh that is very luscious. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

OLDS' MUSKMELONS



Olds' Rocky Ford.

244. OLDS' ROCKY FORD. Just the right size to serve in halves. It is medium early with vigorous and productive vines. The melons are almost round, ribbed, densely netted; flesh, green, of the finest quality; good shipper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 85c, postpaid.

247. HEARTS OF GOLD. (Improved Hoodoo.) One of the finest types of the early, small salmon fleshed melons. The melons are round, weighing about $1\frac{1}{2}$ pounds each; lightly ribbed and covered with a fine grey netting; flesh sweet, very thick, deep salmon color, seed cavity, very small. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

248. BENDER'S SURPRISE. A delicious, large, salmon fleshed melon, with superior shipping and keeping qualities. Greenish yellow skin with light netting. Pkt., 10c; oz., 18c; $\frac{1}{4}$ lb., 45c; lb., \$1.35, postpaid.

253. HONEY DEW. A distinct melon of the Casaba type. Smooth-skinned, of a light cream color. Melons 8 to 10 inches. Flesh green and very sweet. Late. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40, postpaid.

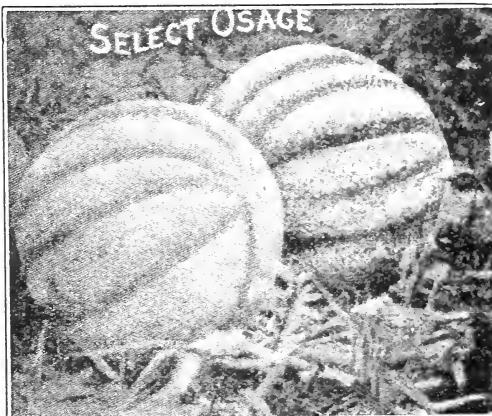
238. ★EMERALD GEM. A splendid early melon for the kitchen garden or nearby market, but not a shipper. It is a small, smooth-skinned variety, flattened at the ends. The flesh is pink, very sweet and highly flavored and the fruit is of convenient size with small seed cavity. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 33c; lb., 95c, postpaid.

248½. BANANA. A very vigorous, hardy, main-crop melon, growing very long fruits, shaped somewhat like a banana—14 inches in length and 4 inches in diameter. It is banana colored, pink-fleshed and of fair quality. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40, postpaid.

242. BURRELL'S GEM. An important commercial melon of the Netted Gem type. Second only to Rocky Ford in popularity for long distance shipping. Well netted. Flesh, salmon colored, very sweet and spicy. Pkt., 4c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., 95c, postpaid.

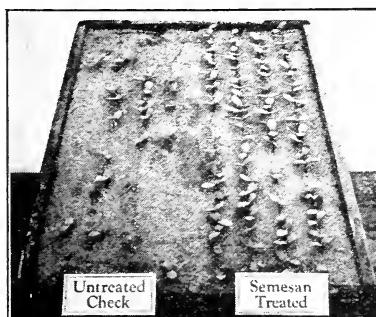
246. POLLOCK NO. 10-25. A new type of Rocky Ford grown largely now not only in the Rocky Ford district as a commercial melon but by home gardeners and market gardeners where a small, salmon-tinted melon is desired. Pkt., 3c; oz., 9c; $\frac{1}{4}$ lb., 23c; lb., 80c, postpaid.

217½. GOLD LINED ROCKY FORD. A splendid type of the green-fleshed Rocky Ford, with gold lining next to the seed cavity, making it unusually attractive when cut. Very thick-fleshed, spicy and sweet. Nearly round and completely covered with netting. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.



239. OLDS' SELECT OSAGE. An oval shaped, salmon fleshed melon, unusually thick-meated, and spicy. The Osage has a reputation for quality ahead of all other varieties. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25, postpaid.

240½. EXTRA EARLY OSAGE. A week earlier than Osage, the standard high quality melon for home use. Salmon-fleshed, spicy. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40, postpaid.



Semesan dusted cantaloupe seed germinated 91.0% while the untreated seed germinated only 26.0%

SEMESAN

Foremost Seed Disinfectant

Semesan Controls Disease and Increases Yield

"From a total planting on a number of farms of 150 acres of Semesan-treated stringless bean seed, we had a remarkably fine stand and the largest crop of our experience. In many plots the Semesan-treated seed yielded as much as twenty bushels more per acre than the untreated." R. W. Vane Packing Co., of Delaware.

Semesan Increases Germination

The New York Agricultural Experiment Station, reporting its results in Bulletin No. 554, with Semesan treatment of vegetable seeds, says that: "The outstanding features of the results were the startling stand increases from seed treatment in the earliest sowings, or, in other words, the sowings made when conditions for rapid germination were poorest."

Semesan is valuable for disinfection of most vegetable crop seeds. It is harmless to the seed, easily applied and the cost is very slight, $\frac{1}{4}$ cent to one cent per pound.

It is recommended also for flower seeds, gladiolus and dahlia bulbs and rose bushes as well as for vegetable seeds.

Prices: Not mailable, 2 oz. size, 50c; 8 oz. size, \$1.60; 1 lb. size, \$2.75; 5 lb. size, \$13.00.

(Ask for 16 page folder "Semesan, A Disinfectant for Vegetable Seeds.")

OLDS' WATERMELONS

Our Watermelon seed is all northern grown. This seed is much better for planting in the north than southern grown. Each packet contains seed enough for 8 to 12 hills. Four to five pounds will plant an acre. Do not plant too early and plant in sandy soil if possible. It pays well to use fertilizer for melons.

CULTURE: Plant in hills 8 to 10 feet apart each way. When the danger of insects is over thin to 3 strong plants to a hill. Use Slug Shot to kill insects. See page 93. For larger amounts than quoted see our Market Gardeners' Price List, pages 5 and 6.



Kleckley's Sweet.

270. ★KLECKLEY'S SWEET. (Monte Cristo.) Our best seller of the whole list of watermelons. A fine, well known, medium early variety. It is a medium sized, dark green melon, often growing 20 inches long, with bright red flesh, ripening nearly to the rind. It is solid, crisp and melting; rind thin; flavor, very sweet and pleasing. A wonderfully satisfactory variety for home gardens and nearby markets. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.

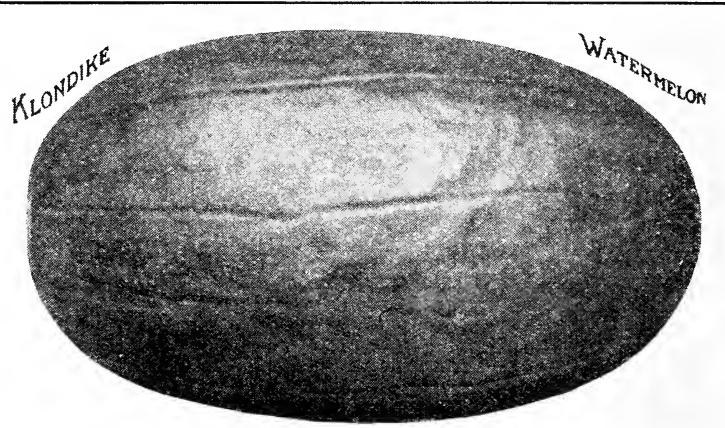
261. SWEETHEART. One of the most popular and one of the very best. A large oval melon, medium early in season. Remains in condition for use longer than any other except the Winter Melon. The flesh is bright red, solid and sweet. Rind thin but tough and elastic, making it a good shipper. Black seeds. A very popular variety. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.

270½. KLONDIKE. (Black Seeded.) We have discarded the old stock of Klondike for the new black seeded type. This is, we think, way ahead of the old strain. We consider Klondike about the best early melon and perhaps the very sweetest of all melons. The rind is dark green, shape long; very symmetrical; flesh distinct shade of red. It is very sweet, crisp and tender. Ripens very early and is a heavy yielder. The supply of good seed of this type Klondike is very short and we advise our customers to order early. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.75, postpaid.

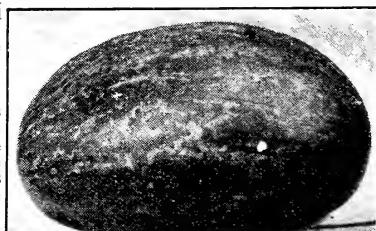


Halbert Honey.

273. ★HALBERT HONEY. An excellent, medium early melon for home use. In flavor, color and texture, similar to Kleckley's Sweet. Medium to large in size, oblong in shape; color, dark green, lightly laced with fine veins; flesh, sweet and brittle; too thin a rind for shipping but desirable for the garden. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00, postpaid.



264. ★OLDS' SWEETEST AND EARLIEST. This melon is the sweetest and earliest of all. The size is medium and does not exceed more than 15 pounds in weight. Flesh scarlet, of extra fineness and sweetness and entirely free from stringiness. We do not recommend it for commercial planting, however, as it is most too small. For the home garden and where the season is short it cannot be beat. The rind is mottled with several shades of green and the seeds are white. Ripe melons in 65 days from planting. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.



Olds' Sweetest and Earliest.

OLDS' WATERMELONS



Olds' Winter Melon.

276½. OLDS' WINTER. This melon is early, very prolific, almost round and in color, light green. The flesh is red, sweet and almost as hard as a citron. If properly stored will keep for months. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50, postpaid.

272½. GOLDEN HONEY. The flesh is a beautiful glistening amber-yellow, very tender with a most delicious flavor. It is medium early, of uniform large size, oblong shape and of handsome appearance. The skin is green with irregular stripes of darker green. No hard core or stringy sections. Pkt., 8c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

275. CITRON. Colorado Preserving. Perfectly round, striped alternately dark and light green, not edible raw, but excellent for preserves. The flesh is white and hard and the vines very productive. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 85c, postpaid.



Tom Watson.

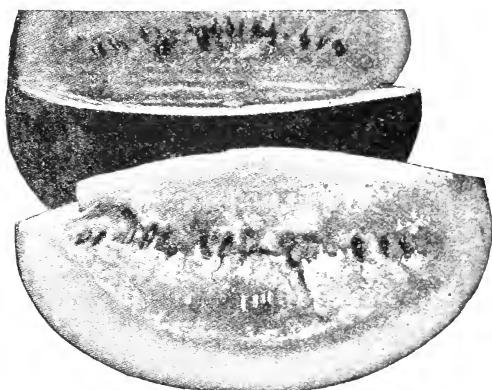
271½. TOM WATSON. The most popular shipping melon, with tough, elastic, dark green rind. It is long and cylindrical, averaging 20 inches in length and 10 inches in diameter. Seeds brown. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid.



Irish Grey.

268. IRISH GREY. A long, rather large melon, light green in color and of fine table quality. The flesh is deep red, crisp and sweet and without a hard center. Besides being a fine garden melon, it is equal to Tom Watson as a shipper. Seeds brown. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c, postpaid. . .

267. ★ICE CREAM or PEERLESS. A well-known old favorite and a standard home melon. Extra early, of medium size, short oblong in form; rind thin, light green in color, mottled and veined with a darker shade; bright scarlet flesh, wonderfully sweet and delicious; seeds white. Ice Cream is an old variety but as good as ever and very hard to beat. It is certainly very highly regarded by thousands of home gardeners all over the North. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.



Cole's Early.

262. ★COLE'S EARLY. Another home melon that is wonderfully popular all over the North. Our second largest seller. One of the earliest of all melons and one of the best. It is medium in size, nearly round in shape, dark green in color, striped a lighter shade. The flesh is deep pink, rather a darker shade than some others, of excellent quality, firm and delicious. Seeds black. Nothing surer than this variety for hard situations in Northern latitudes. Pkt., 7c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

OLDS' CHILDREN'S GARDEN COLLECTION.

10 Packets for 35c, postpaid. Value 61c.

We offer this year for the boys and girls a special garden collection. Children like to dig in the soil and plant seeds just the same as we grown folks do. Include selected for this collection 10 varieties which are easily grown and can be obtained from these seeds. The packets are full size and from our regular stock the same as offered elsewhere in the catalog. The collection consists of the following packets:

No. 41. Improved Blood Turnip Beet.....	5c	No. 320½. Best and Earliest Pea.....	7c
No. 15. Stringless Green Pod Bean.....	8c	No. 373. French Breakfast Radish.....	.6c
No. 103. Oxheart Carrot.....	5c	No. 385. White Icicle Radish.....	.5c
No. 215. Grand Rapids Lettuce.....	7c	No. 142. Golden Bantam Sweet Corn.....	.6c
No. 287. Olds' Extra Early Red Wethersfield Onion	7c	No. 465. Purple Top White Globe Turnip.....	.5c
		Total	61c

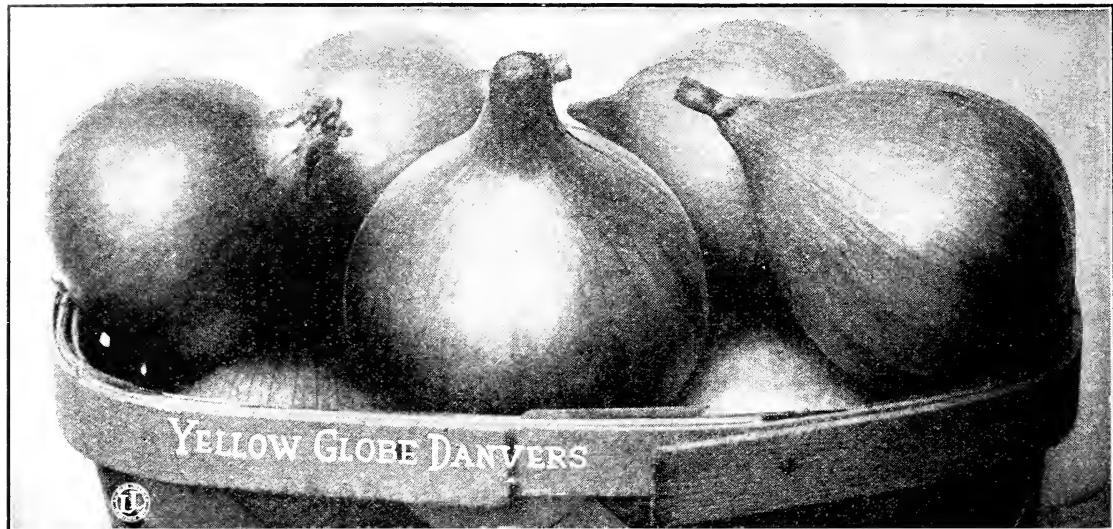
SPECIAL COLLECTION PRICE, 35c, Postpaid.

Ask for Wisconsin Circular No. 132, "Vegetable Gardens."

OLDS' ONIONS

Perhaps no crop brings as high returns from an acre of ground as onions. They demand intense cultivation and a lot of hand work. Therefore a small grower has just as much chance of making good on this crop as a large grower. With a crop of this type, however, you must be absolutely sure of having the best seed obtainable. Our seed is from onion bulbs which are grown exclusively for seed purposes. We do not think there are any stocks better.

CULTURE: As early as possible sow thinly in rows one foot apart, thin to 3 or 4 inches apart. Keep the surface of the ground open and free from weeds, using fertilizer if you want a maximum yield. When the bulk of the tops have turned yellow and have fallen over the onions are ready to harvest. They should be pulled at this time and left to lie in small piles for a couple of days and then removed to an airy shed. When cool weather arrives store in a cool, dry root cellar. A packet of seed will plant 25 to 30 feet of drill; one ounce 200 feet, and 4 pounds an acre. For prices on larger amounts see our Market Gardeners' Price List, pages 5 and 6. (See page 34 for maggot control.)



YELLOW GLOBE DANVERS

285. ★**OLDS' YELLOW GLOBE DANVERS.** Olds' Yellow Globe Danvers is a solid onion of almost true globe shape, averaging three inches through. In color the bulbs are a rich satiny yellow. The snow white flesh cuts hard and crisp yet it is always sweet and tender. Not quite as mild as the Spanish onions when sliced raw but for cooking or flavoring, one of the very best. It is the earliest good market variety, slender necked, and ripening up all at one time. A sure cropper and a good keeper, the onions coming out dry and hard in the spring with practically no loss in weight. Pkt., 7c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.70, postpaid.

300. **OLDS' SELECT OHIO YELLOW GLOBE.** A selection from the Yellow Globe Danvers. A highly bred variety and especially valuable

on much or peat lands and on very rich high-ground soils. Rather deeper globe shape than the Danvers. Pkt., 7c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.70, postpaid.

299. **AUSTRALIAN BROWN.** Without any exception the most solid and longest keeping onion grown. In season it is one of the earliest and will ripen anywhere. It is often used for replanting when first sowings have been injured by weather conditions. Its extreme solidity is shown by the fact that a measured bushel will weigh several pounds more than the standard legal weight for a bushel of onions. It is an ideal variety for shipping or storing. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.40, postpaid.

283. **CRYSTAL WAX.** A Bermuda onion. One of the most attractive varieties. It is large, flat, pure white, very early, mild in flavor; in fact can be eaten like an apple. Can be grown under northern conditions and is very fine for slicing. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$2.50, postpaid.

290. **SOUTHPORT YELLOW GLOBE.** A globe shaped onion of fine golden yellow color, growing somewhat larger and maturing a little later than the Yellow Globe Danvers. The flesh is hard and compact yet brittle and crisp. Pkt., 7c; oz., 20c; $\frac{1}{4}$ lb., 55c; lb., \$1.70, postpaid.

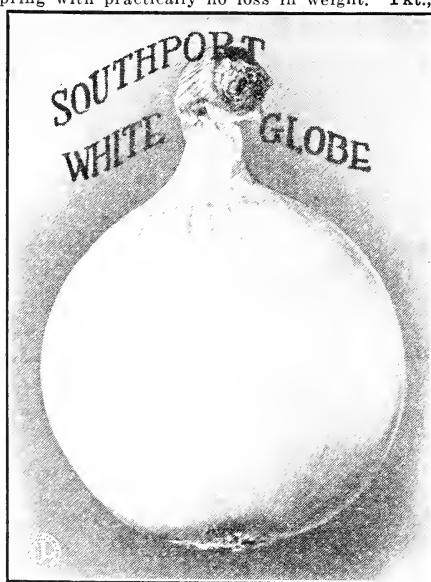
291. **SOUTHPORT RED GLOBE.** Southport Red Globe is a large, handsome, dark red onion with small neck, small top and of mild flavor. Excellent keeping qualities. Pkt., 6c; oz., 18c; $\frac{1}{4}$ lb., 50c; lb., \$1.60, postpaid.

PICKLING ONIONS

302. **WHITE BARLETTA.** A very early beautifully white, small, mild onion. Used exclusively for pickling. The skin is very white and exceptionally thin. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.30, postpaid.

303. **OLDS' WHITE QUEEN.** A very hardy perennial variety of onion, used for bunching and pickling. It is perfectly hardy and requires no mulching. Sow in early fall for early spring onions. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 85c; lb., \$2.50, postpaid.

(See page 88 for Seeders and Wheel Hoes.)



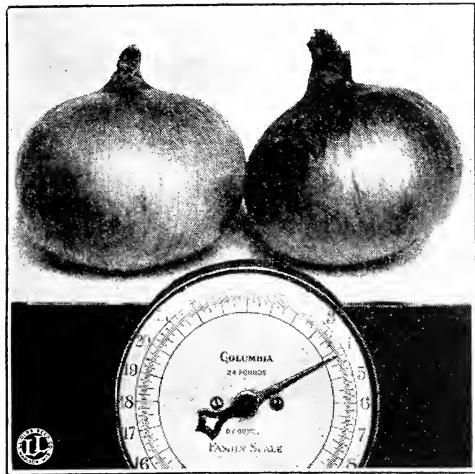
292. **SOUTHPORT WHITE GLOBE.** A handsome onion with a pure delicate paper white skin. Flesh crisp, fine-grained, snowy white and mild; globe shaped and a good keeper for a white kind. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.25, postpaid.

293. **WHITE PORTUGAL.** (Silver Skin.) A hand-some early onion with silvery white skin. Grows about as large in diameter as the Southport Globes but flat. It is fairly mild, very tender and a good keeper for a white kind. Pkt., 8c; oz., 22c; $\frac{1}{4}$ lb., 70c; lb., \$2.00.

OLDS' ONIONS

SPANISH TYPE ONIONS

The mildest, finest flavored and largest onions belong to this class. They require a little longer growing season than do the American sorts and they are not quite as good keepers. We do not recommend planting them in Northern Wisconsin and similar latitudes. In the central and southern parts of this state, however, they do very well.

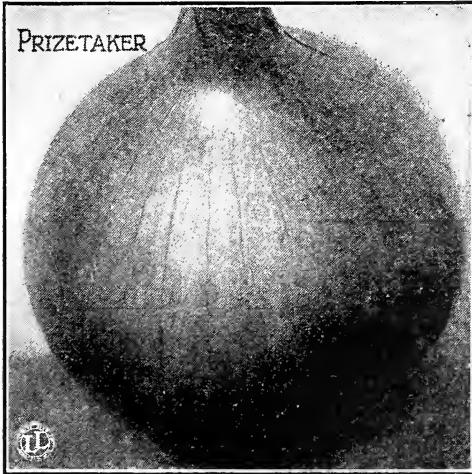


Olds' Sweet Spanish Onion.

298. OLDS' SWEET SPANISH. (Mountain Strain.) An extremely large, mild and sweet globular-shaped onion and very handsome. The flesh is clear, white and tender. Under favorable conditions these onions will weigh over 2 pounds each and when placed on the market will outsell the other varieties at much higher prices. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$2.75, postpaid.

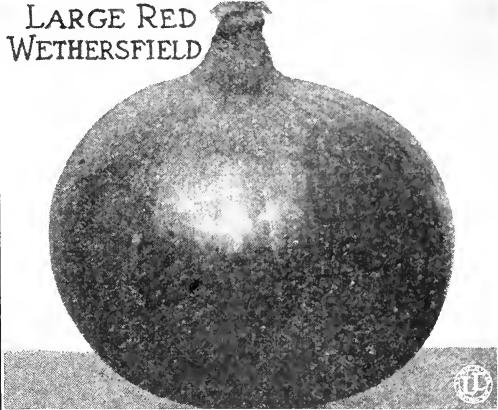
288. AILSA CRAIG. An English strain of Spanish onion, much like the Prizetaker, but a considerably better keeper. A fine salad kind, mildly pungent, sweet and juicy. Yellow skin. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.25, postpaid.

297 1/2. GIGANTIC GIBRALTER. The largest, mildest and sweetest of all onions. Creamy straw-colored bulbs, excellent for slicing, never strong, but brittle, juicy and with a very pleasant flavor. Late in season. Pkt., 7c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$1.90 postpaid.



297. OLDS' PRIZETAKER. Bright straw yellow in color and a good globe shape. It grows about three times as large as the Danvers, individual onions sometimes weighing four pounds and over. Very mild sweet flavor and a fair keeper, ripening evenly. Pkt., 7c; oz., 20c; $\frac{1}{4}$ lb., 65c; lb., \$1.90, postpaid.

LARGE RED WETHERSFIELD



287. OLDS' EXTRA LARGE RED WETHERSFIELD. The onions are a flattened globe in shape with long slender tops and dark crimson skin. They grow to a large size and yield big crops even under unsatisfactory growing conditions. We have a strain selected for extra large type. Pkt., 6c; oz., 18c; $\frac{1}{4}$ lb., 50c; lb., \$1.50, postpaid.

OLDS' ONION SETS

We offer choice, dry, select Onion Sets, the best to be had. Bottom sets should be planted very early in the spring, the earlier the better. A pound will plant a row 20 feet long, two to three inches apart in the row. Egyptian or Winter Sets should be planted in the fall.

YELLOW BOTTOM SETS: Lb., 22c; 2 lbs., 35c; 4 lbs., 60c, postpaid. By express: 10 lbs., 90c.

RED BOTTOM SETS: Lb., 22c; 2 lbs., 35c; 4 lbs., 60c, postpaid. By express: 10 lbs., 90c.

WHITE BOTTOM SETS: Lb., 25c; 2 lbs., 40c; 4 lbs., 70c, postpaid. By express: 10 lbs., \$1.10.

Egyptian or Winter Sets, for fall delivery only: Lb., 25c; 2 lbs., 40c; 4 lbs., 70c, postpaid. By express: 10 lbs., \$1.10.

For larger quantities of onion sets, see page 5.

FROST PROOF ONION PLANTS

Southern Grown Frost Proof Onion Plants have been giving satisfactory results for some years and are well out of the experimental class. They are grown by experts and properly packed so that they will reach the customers in good condition. The seed is planted in the fall, they grow out of doors during the winter so they are hardy and are ready to be planted early.

One thing sure, you will have to hand weed your onion patch at least once during the season if you plant seed. If you use plants, either of your own growing or our southern grown, you can cultivate and keep ahead of the weeds. The varieties we offer are, Crystal White Wax and Yellow Bermuda.

Prices: 100, 20c; 200, 30c; 500, 65c; 1,000, \$1.20; 2,000, \$2.25, postpaid. Not prepaid, crate of 6,000, \$5.00.

Frost Proof Onion Plants.

GARLIC.

Garlic comes in bulbs only, which should be separated and planted the same as onion sets and cultivated in the same way. Bulbs, $\frac{1}{4}$ lb., 20c; lb., 50c; 2 lbs., 90c.

CHIVES.

279. Chives belong in the perennial class. Plant the seed the same as onions, but transplant later, leaving about six to eight inches between plants. Seed: Pkt., 15c; oz., 50c. Large Clumps: 3 for 50c; 12 for \$1.50.

OLDS' GARDEN PEAS

Peas are one of the finest garden vegetables. Do not depend upon one planting. Plant some of the earlies, mediums and lates. The early peas are not usually as sweet as the mid-season or the late varieties and the wrinkled varieties are always much sweeter than the smooth, but the smooth varieties can be planted in the ground a trifle earlier than the wrinkled varieties. The varieties marked * are the wrinkled varieties.

CULTURE: Early peas are grown with best results on light warm soils; main crop varieties on fairly heavy soils but of course, peas will do well on most any good garden soil. Do not use much nitrogen fertilizer as that will cause a heavy leaf growth with fewer pods. Sow the extra early varieties in rows 2 to 3 inches deep and 2½ to 3 feet apart as soon as the ground can be worked and for succession, plant every two weeks until the middle of June. Early varieties can be again planted in August and a good crop secured in the fall. One pound of seed will sow about 50 feet, 120 to 160 pounds should be used for an acre. We recommend planting at least a half pound of a variety. Use Semesan on the seed. See page 25.



Laxton's Progress Pea.

336. NEW PEA, LAXTON'S PROGRESS.*

The most recent introduction of real merit in the list of large pod dwarf peas and an ideal sort for the small home gardener. Progress grows but 18 inches high. The vines are exceedingly vigorous and produce the largest pods of any extra early sort. Pods average over 4½ inches long, well filled with 8 to 10 deep green, large peas of wonderful flavor. The peas are ready to gather within 60 days from the time the seed is sown. Pkt., 10c; ½ lb., 25c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.50, postpaid.

THREE PEAS FOR SUCCESSION

The following three varieties are splendid for a succession in the home garden. Plant these three all at one time and it will give you peas over quite a long period. Collection prices: 1 pkt. of each, 15c; ½ lb. of each, 45c; 1 lb. of each, 75c, postpaid.

320. SURPRISE OR ECLIPSE.*

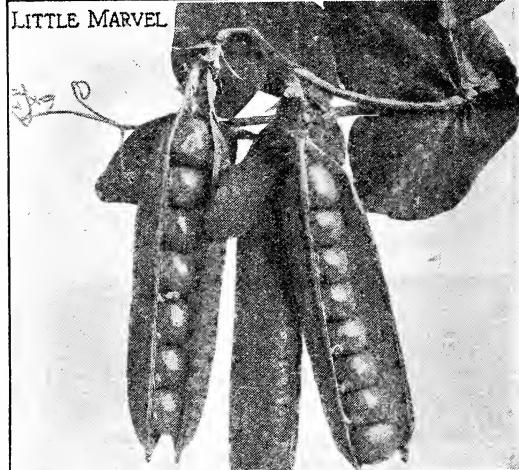
One of the earliest wrinkled peas. Vines 2 feet high and light green in color. Pods of good size and well filled with tender, sweet peas. Large pkt., 8c; ½ lb., 25c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

333. OLDS' ENGLISH WONDER.*

This new, dwarf, second-early variety is the sweetest pea we know of. The pods are produced in abundance and are well filled with large, dark-green peas. Large pkt., (2 ozs.), 10c; ½ lb., 22c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.45, postpaid.

326. IMPROVED STRATEGEM.*

The best of all the large podded, late peas. The foliage is large, and the vines about 20 inches tall, strong and robust, requiring no support. It is very prolific, bearing many very large, well-filled pods containing large dark-green wrinkled peas of excellent quality. Pkt., 10c; ½ lb., 22c; lb., 40c; 2 lbs., 75c; 5 lbs., \$1.55, postpaid.



339. ★LITTLE MARVEL.* A dwarf early pea of unusual value. The vines average 15 inches in height and the pods 3 inches or more in length. Pods contain 6 to 7 large, dark green peas, sweet and delicious. They produce a larger pod and a heavier crop than other extra early, with the exception of the New Progress. Large pkt., (2 ozs.), 8c; ½ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

323. ALASKA.

Eariest of all. A smooth, round, blue pea. Height 2½ feet. The most popular early pea for canning. Large pkt., (2 ozs.), 5c; ½ lb., 15c; lb., 25c; 2 lbs., 45c; 5 lbs., 85c, postpaid.

327. CHAMPION OF ENGLAND.*

One of the richest, best flavored late peas. Height 4½ feet. Pods contain eight light green peas. A standard main crop variety. Large pkt., (2 ozs.), 8c; ½ lb., 20c; lb., 35c; 2 lbs., 65c, postpaid.

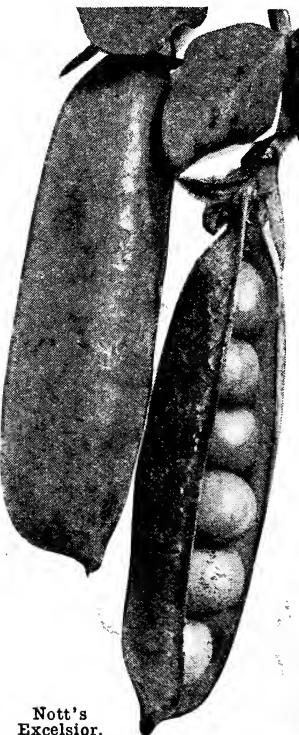
341. MAMMOTH LUSCIOUS SUGAR.*

Eat pods and all, like String Beans. Pods are stringless. Vines 5 feet high. Seeds large, gray, and wrinkled. Large pkt., (2 ozs.), 10c; ½ lb., 25c; lb., 45c; 2 lbs., 80c, postpaid.

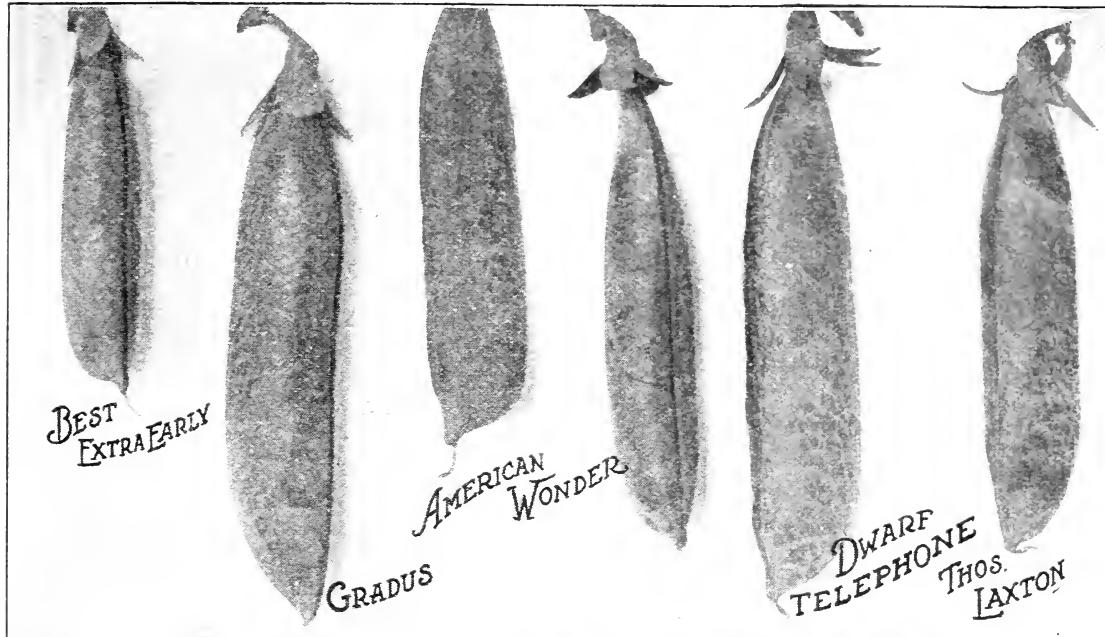
325. ★NOTT'S EXCELSIOR.*

Height 15 inches. It is as early as American Wonder, as sweet as Little Gem and outyields both of them. The vines are vigorous in growth, the pods large and square at the ends, and the flavor delicious. Large pkt., (2 ozs.), 7c; ½ lb., 18c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.15, postpaid.

Nott's
Excelsior.



OLDS' GARDEN PEAS



322. ★ONWARD.* Our new mid-season variety of special merit. Exceptionally fine quality and a heavy cropper. See page 3 for complete description. Pkt., 10c; $\frac{1}{2}$ lb., 25c; lb., 45c; 2 lbs., 80c; 5 lbs., \$1.50, postpaid.

320½. ★OLDS' BEST EXTRA EARLY. An extra early round-seeded variety. Height $2\frac{1}{2}$ feet. Seventy-five to eighty per cent of the pods may be gathered at the first picking. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 17c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.15, postpaid.

324. ★GRADUS.* (Prosperity.) This pea is nearly as large as the small, smooth, extra early varieties and the pods are much larger. The vine grows to a height of about 30 inches. Pods measure 4 inches or more in length, each containing 8 or 10 sweet and fine flavored peas. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 20c; lb., 33c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

322. ★IMPROVED TELEPHONE.* Vines, 4 feet high; pods, dark green, $3\frac{1}{2}$ to 4 inches long, containing from 5 to 10 peas each. The leading variety among market gardeners. Comes into bearing in about 65 days. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 20c; lb., 33c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

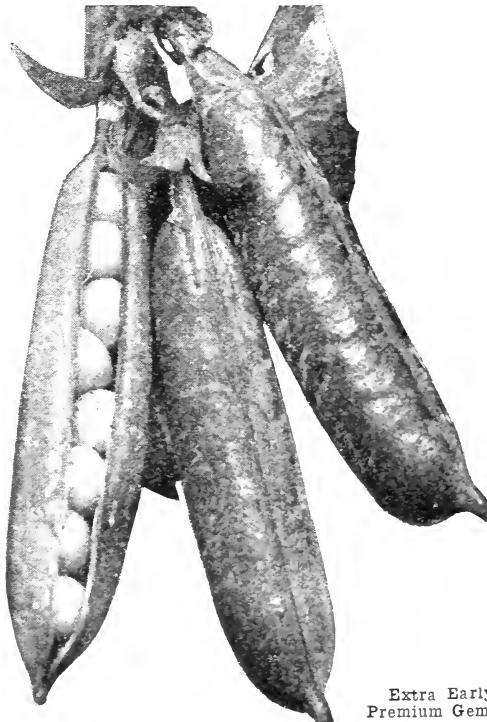
330. AMERICAN WONDER.* The dwarfest of all peas, vines growing only about 10 inches high. It is also one of the very earliest, the peas often being ready for use within seven weeks from planting. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 18c; lb., 33c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

335. ★OLDS' DWARF TELEPHONE.* (Carter's Daisy.) A cross of Stratagem and Telephone, growing about 18 inches high. Pods medium green, four inches long, well filled with 7 to 8 bright green peas. Large pkt. (2 ozs.), 10c; $\frac{1}{4}$ lb., 22c; lb., 40c; 2 lbs., 70c; 5 lbs., \$1.45, postpaid.

334. THOMAS LAXTON.* In earliness only two or three days behind Alaska, and in yield and quality far superior. Height three feet. Pods medium green, $3\frac{1}{2}$ inches long, containing about seven large green peas. Large pkt., (2 ozs.), 8c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 60c; 5 lbs., \$1.25, postpaid.

324½. ★BLUE BANTAM OR GIANT LAXTON-IAN.* A new large-podded, dwarf wrinkled pea. Unequalled for its combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average 15 inches in height and carry really enormous crops of large dark green pods with six to eight peas of excellent quality. Pkt., 7c; $\frac{1}{2}$ lb., 20c; lb., 35c; 2 lbs., 65c; 5 lbs., \$1.40, postpaid.

Ask for Wisconsin Circular No. 132, "Vegetable Gardens."



Extra Early Premium Gem.

329. EXTRA EARLY PREMIUM OR LITTLE GEM.* Probably the most popular of all peas for the home garden. The vines grow to about 15 inches in height. The variety is very productive and the peas of fine flavor. Considered by many the sweetest of all early peas. Large pkt. (2 ozs.), 7c; $\frac{1}{2}$ lb., 17c; lb., 30c; 2 lbs., 55c; 5 lbs., \$1.15, postpaid.

OLDS' PEPPER

CULTURE: Sow early, in the house or in hot beds and transplant later when the ground is warm. Each packet will produce about 150 plants. An ounce, 1,500 plants.



Harris' Early Giant Pepper.

353. **HARRIS' EARLY GIANT.** The earliest and most prolific of all the large peppers. The plant is dwarf, of compact growth, bearing as many as 12 enormous peppers to a plant.

The peppers average 5 inches in length and 3½ inches in diameter. Color is a deep green turning to bright red. Flesh thick and of a very sweet and pleasant flavor. Pkt., 10c; ½ oz., 35c; oz., 55c; ¼ lb., 1.95, postpaid.

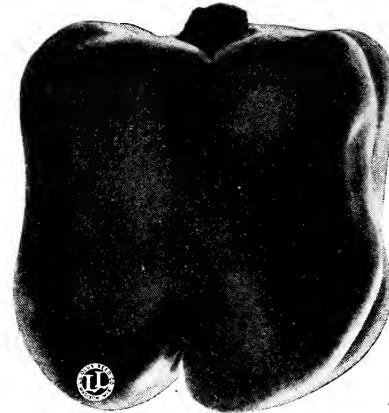
350. ***RUBY KING.** One of the most popular varieties and satisfactory for both home and market garden. It grows 4½ to 6 inches long, and 3½ to 4 inches thick. The peppers are green to bright red, flesh thick, sweet and mild. Among the best for pickles. Pkt., 7c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.15, postpaid.

351. **BELL OR BULL NOSE.** A standard early variety. Has a vigorous plant growing two feet high. The peppers are large with thick, mild, sweet flesh of excellent quality. Pkt., 7c; ½ oz., 20c; oz., 33c; ¼ lb., \$1.05.

354. ***CHINESE GIANT.** One of the very best and largest mango peppers. Its great size, fine shape, and beautiful, glossy red color and mild flavor all recommend it. It is very productive. Pkt., 10c; ½ oz., 35c; oz., 55c; ¼ lb., \$1.95, postpaid.

356½. **PIMENTO.** This variety is used not only for salads and mangoes, but by canners. The flesh is very thick, mild and sweet, and color a glossy red when ripe. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.15, postpaid.

358½. **HOT VARIETIES MIXED.** Including Chili, Cayenne, Tabasco and others. As "hot as fire." Pkt., 5c; ½ oz., 18c; oz., 30c; ¼ lb., \$1.00, postpaid.



Olds' California Wonder Pepper.

357. ***CALIFORNIA WONDER.** A very mild, sweet, mid-season variety. The peppers are very large, measuring 4½ inches in length by 3 to 4 inches in diameter.

The above specimen was taken from a plant which contained 7 peppers, weighing over one-half pound each. The fruit ripens very uniformly and has a deep crimson color when ripe. It closely resembles the Chinese Giant in form but the flesh is extremely thick, which quality the Chinese Giant lacks. Pkt., 15c; ½ oz., 40c; oz., 70c; ¼ lb., \$2.15, postpaid.

358. **WORLD BEATER.** One of the finest shipping peppers. A very large sort, a cross between the Chinese Giant and Ruby King. Fruits 5 inches long by 3½ inches in diameter. Flesh thick and mild. Very productive. Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.40, postpaid.

352. **GOLDEN QUEEN.** The largest and sweetest yellow pepper, often eight or nine inches long and 4 to 5 inches thick. Pkt., 10c; ½ oz., 25c; oz., 50c; ¼ lb., \$1.75, postpaid.

355½. **RED CHILI.** A rather late hot variety, with peppers about ½ inch or less in diameter, tapering to a point, about 2 inches long. Pkt., 6c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.20, postpaid.

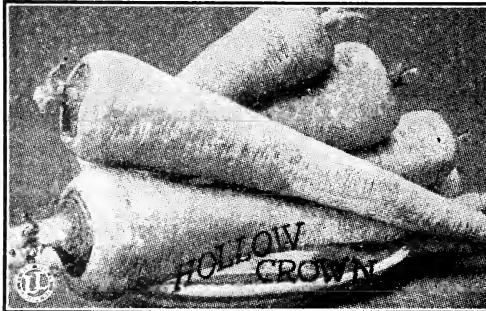
PEPPER PLANTS

HARRIS' EARLY GIANT, RUBY KING AND CALIFORNIA WONDER. Ready about May 15th. Doz., 40c; 50 for \$1.25, postpaid.

OLDS' PARSNIP

Sow as early in the spring as possible, in drills 15 inches apart, covering half an inch deep. When well up, thin to 5 or 6 inches apart in the row.

Each packet contains enough seed to sow 25 feet of drill. One ounce 200 feet of drill. Six pounds one acre.



311. **HOLLOW CROWN.** The old standard parsnip, long rooted, sweet flavored and desirable. Excellent, also, for stock feed. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 90c, postpaid.

310. ***IMPROVED GUERNSEY.** A much better variety than its parent, the Hollow Crown; it is more of a half-long in shape, being thicker and shorter, and more easily dug. It is a very heavy yielder; roots, smooth; flesh, fine grained and of excellent flavor. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 90c, postpaid.

OLDS' PARSLEY

One packet of Parsley will seed 40 feet. Sow early in the spring, soaking the seed before sowing as germination is slow.



Champion Moss Curled Parsley.

305. **CHAMPION MOSS CURLLED.** A very fine variety. The vigorous, compact plants grow very fast, producing fresh and tender, bright green leaves, so curled and crumpled that they have the appearance of curled moss. Besides its use as a vegetable, it is a handsome border plant and may be grown in pots or window boxes for its beautiful foliage. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.

309. **HAMBURG** (Turnip Rooted). The edible root of this variety resembles in color and shape a small parsnip. These may be stored in the cellar for winter use. The leaves are similar to plain parsley. Pkt., 7c; oz., 20c; ¼ lb., 40c; lb., \$1.25, postpaid.

PUMPKIN, PEANUTS, RHUBARB AND TOBACCO

Pumpkins are very easy to grow and farmers should plant more of them. Especially fine for pies as well as a cheap feed. They can be planted right in the corn and so require no extra room. Where larger quantities than listed are wanted, see our Wholesale Market Gardeners' Price List, pages 5 and 6.

CULTURE: Plant any time after the ground has become warm, 4 to 8 seeds to a hill, in hills 8 feet apart each way if planted alone. With corn, plant after the corn is up. One packet of seed is sufficient for 8 to 10 hills, 3 to 4 pounds will plant an acre alone and one pound an acre with corn.

363. **★SMALL SUGAR.** The famous New England Pie Pumpkin. A rather small round but flattened variety, fine grained and high in sugar content. It is a good yielder, and a good keeper. Color, deep orange-yellow. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 30c; lb., 90c; 5 lbs., \$3.25, postpaid.

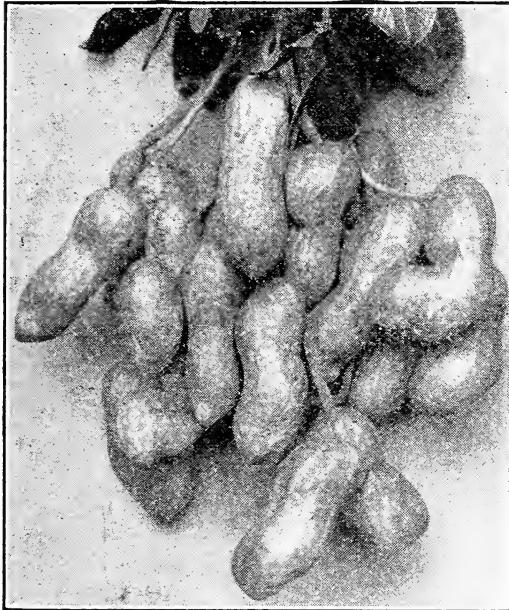
360. **KING OF THE MAMMOTHS.** This variety surpasses all others in size; specimens often weighing 75 pounds; yellow flesh. It is an immense yielder, a splendid keeper and a valuable stock variety. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb., 45c; lb., \$1.35; 5 lbs., \$5.00, postpaid.

364. **WINTER LUXURY.** A splendid pie pumpkin, small, round, about 10 inches in diameter; skin finely netted and a beautiful dark red color. Pkt., 8c; oz., 14c; $\frac{1}{4}$ lb., 40c; lb., \$1.10, postpaid.

362. **★LARGE CONNECTICUT YELLOW FIELD.** The standard field pumpkin. A large round or slightly oval pumpkin. Skin reddish-orange, with rich orange-colored flesh. Extensively grown for stock feeding, and usually planted with corn. Produces enormous crops. Pkt., 5c; oz., 16c; $\frac{1}{4}$ lb., 25c; lb., 65c; 5 lbs., \$2.25, postpaid.

"I have used your Dollar Collection Seeds for several years and there are none better."—Peter Meudt, Wisconsin.

PEANUTS



Mammoth Virginia Peanuts.

315. **MAMMOTH VIRGINIA.** The largest, sweetest and heaviest yielding variety. With ordinary weather, this variety will produce a crop of good peanuts in the latitude of Wisconsin. Plant on a south slope, in sandy soil if possible. Large pkt., 7c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; lb., 40c; 5 lbs., \$1.50, postpaid.

500. **★COMSTOCK SPANISH.** The genuine strain of Comstock Spanish is known for its vigor of growth; its broad, heavy leaves with rounded tips, its large yield and its agreeable blending of flavor with the filler. Our seed was cleaned and tested at the Wisconsin Experiment Station. This tobacco has been endorsed by 65 leading tobacco packers, by the officials of the Wisconsin Tobacco Pool, and by the Wisconsin Experiment Station through Prof. James Johnson. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.65.

504. **WISCONSIN HAVANA NO. 142.** A new resistant strain of tobacco which originated in 1924 at the Wisconsin Agricultural Experiment Station. This variety is adapted to old tobacco soils, or land which is infected



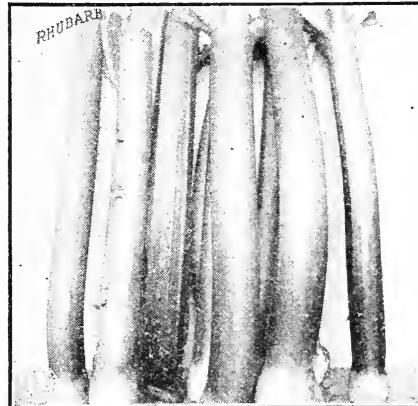
Connecticut Field Pumpkin.

RHUBARB

RHUBARB ROOTS—LARGE VICTORIA.

After the long winter months with their lack of fresh fruit, early spring Rhubarb is a most welcome treat. In sauce or pie it seems to have a more universal appeal than any other fruit of the year. Rhubarb is very easy to grow. We use whole roots for filling orders, and they are freshly dug. These will give big, tender, juicy stalks soon after planting. If not used too freely the first season, they should later produce 20 to 30 stalks to a plant.

Special prices: 6 for 50c; 12 for 90c, postpaid. Not prepaid: 25 for \$1.50; 100 for \$5.00.



393. **LARGE VICTORIA.** A popular variety. Rhubarb can be raised from seed very easily, but the stalks should not be used until the plants have had a full season's growth. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 45c; lb., \$1.30.

HORSE RADISH ROOTS. 12 for 25c; 100 for \$1.25, postpaid. Not prepaid: 1,000 for \$7.00.

TOBACCO

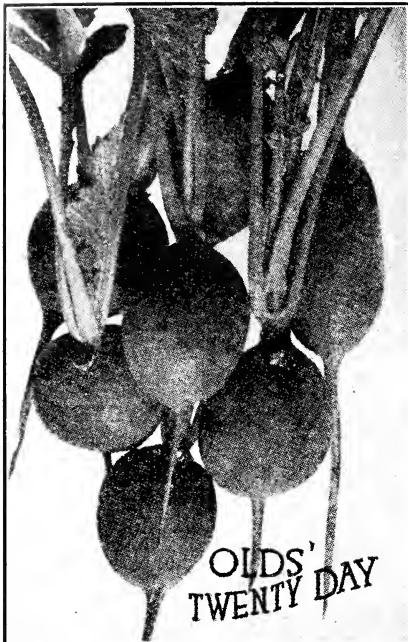
with root rot. It is somewhat later than Havana No. 38 but the plants are very straight and very leafy. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.65.

503. **★WISCONSIN CONNECTICUT HAVANA NO. 38.** The years spent by Professor Johnson of the Wisconsin College of Agriculture in selecting and experimenting with the varieties of Wisconsin tobacco, have resulted in the development of Wisconsin No. 38. Its characteristics are: vigor of growth; good breadth, weight and texture of leaf; improvement of leaves at base of stalk; improved market quality, consisting partly of wrapper quality that blends with the filler tobacco without flavoring the latter; and finally, the important matter of earliness. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 55c; $\frac{1}{4}$ lb., \$1.65.

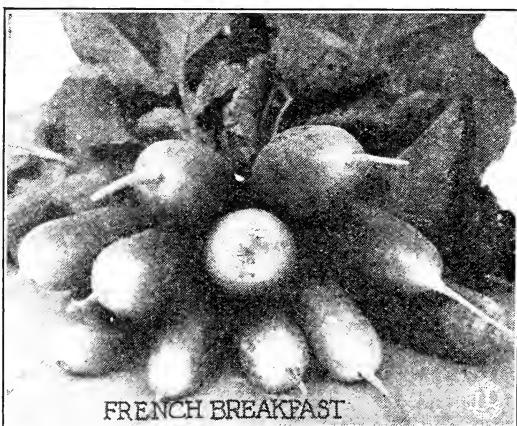
OLDS' RADISHES

Olds' Radish Seed is northern grown and is produced from roots that are hand transplanted. In this way the types are kept pure and true and no seed is produced that is not from perfectly sound radishes. Growers who raise radishes for the market should use only seed of this type. The crop can be placed on the market earlier than from ordinary seed and, also, quality radishes can be had long after radishes grown from ordinary seed have become pithy and hollow. All growers should sow the best seed obtainable if they want to receive the maximum profit from their crop. For larger amounts than quoted see our Market Gardeners' Price List, pages 5 and 6.

CULTURE: Sow as early as the ground can be worked. Radishes do best on a light rich mellow soil. Sow in drills 10 inches apart and thin to 2 inches in the row. Sow the early round red sorts first, the long growing varieties a week later, and the winter varieties in July and August. One pkt. will sow 25 feet; 12 pounds an acre.



374. **OLDS' TWENTY DAY.** An extra early, olive-shaped, deep scarlet radish. It is especially adapted for forcing and has been known to grow so rapidly as to make table size in twenty days from planting. It is also an excellent garden variety, flesh crisp and mild, attractive in appearance, and one of the very earliest of all radishes. Pkt., 8c; oz., 15c; ¼ lb., 35c; lb., \$1.00; 5 lbs., \$3.75, postpaid.



373. **OLDS' SPECIAL STRAIN OF FRENCH BREAKFAST.** Our largest seller with the exception of White Icicle. French Breakfast is a quick growing, handsome, olive-shaped radish, deep scarlet in color, with a clearly defined white tip at the base. It measures about $\frac{3}{4}$ of an inch through and about twice that in length, with very small top and tap root. It is usually ready for the table in about 25 days from sowing. Flesh pure white and very crisp, tender, and mild. Our favorite radish. Pkt., 6c; oz., 12c; ¼ lb., 30c; lb., 85c; 5 lbs., \$3.25, postpaid.

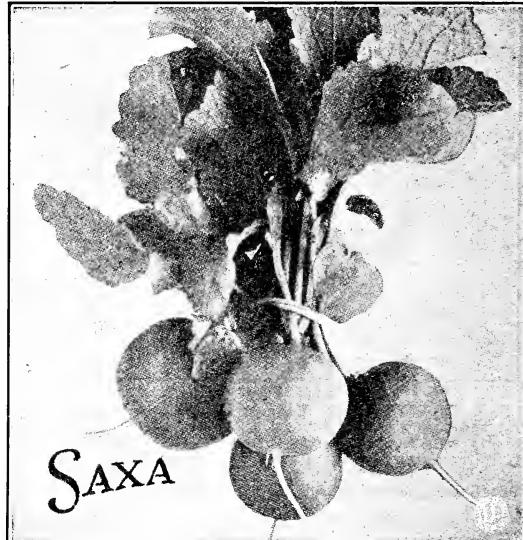
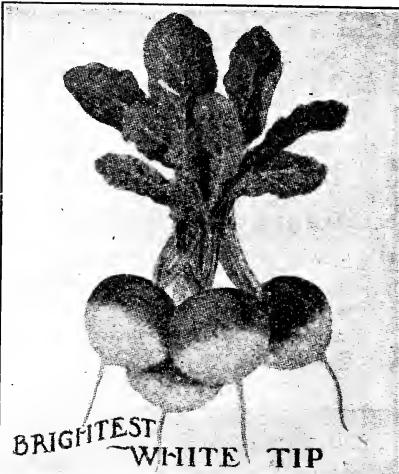
MAGGOT CONTROL.

We have found only one good control for the maggots which trouble the cabbage, onion and radish crops. One ounce corrosive sublimate mixed with 10 gallons of water and poured along the base of the plant when two to three inches high, using one gallon to 35 feet of row is effective. For cabbage plants use a half tea cup to a plant.

378. **★OLDS' SNOW-BALL.** (White Box.) A medium sized, round variety, largely grown for summer use. It has a small top, skin pure white. Mild and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$2.75, postpaid.

370½. **★OLDS' BRIGHTEST WHITE TIP.** (Sparkler.) A splendid selection of the Early Scarlet Turnip White Tipped Radish, but showing more white, practically the whole lower half being pure white, and the upper, bright scarlet. This contrast makes it especially attractive. Mild, crisp and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c; 5 lbs., \$3.00, postpaid.

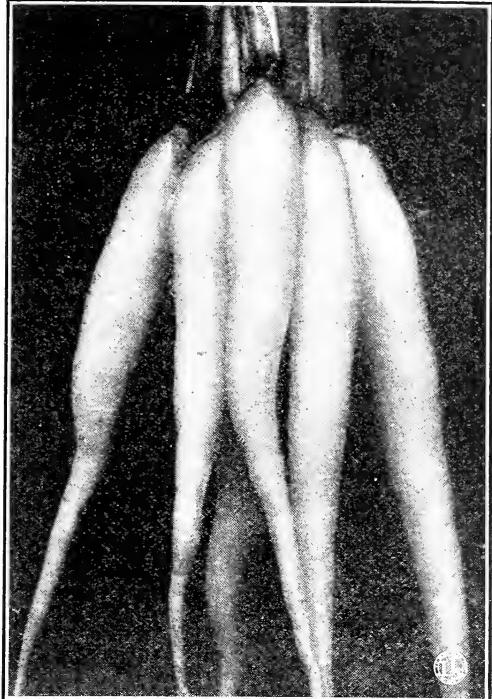
387. **OLDS' ICY CRISP.** Our new extra early variety of radish, which we think surpasses all for quality. See page 2 for complete description. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00, postpaid.



375. **SAXA.** This new variety is of a fine scarlet color, round with a very small top and tap root. It is very early, and has been placed on the dining table in three weeks from the time the seed was sown. Very crisp, juicy and mild. Pkt., 7c; oz., 15c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.50, postpaid.

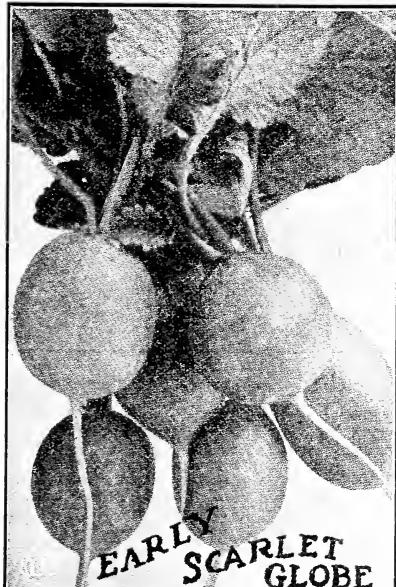
384. **CINCINNATI MARKET.** An improved strain of Long Scarlet. The tops are very small, so that they may be grown close together. It is a long red radish, growing straight and smooth, with crisp, mild flesh and pleasant flavor. One of the very best market varieties. Pkt., 6c; oz., 12c; ¼ lb., 25c; lb., 85c; 5 lbs., \$3.25, postpaid.

OLDS' RADISHES



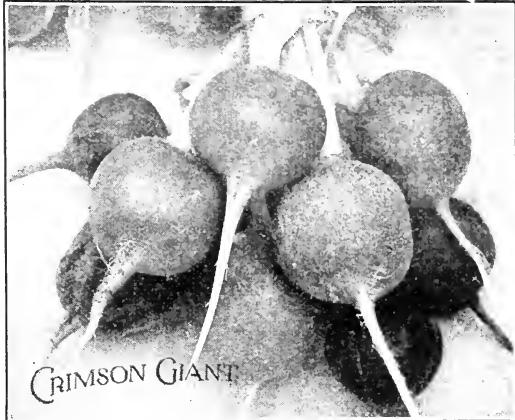
White Icicle.

385. **★WHITE ICICLE.** Considered the finest of all for table use. The roots attain a length of about $5\frac{1}{2}$ inches, tapering regularly from near the shoulder to the tip. It keeps in condition a long time, and is crisp, mild and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 22c; lb., 80c; 5 lbs., \$3.00, postpaid.



EARLY SCARLET GLOBE

387. **EARLY SCARLET GLOBE.** (Vick's.) One of the best all around radishes for early outdoor sowing. The skin is a bright scarlet; flesh, pure white, crisp, tender and of delicious quality. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 85c; 5 lbs., \$3.20, postpaid.



CRIMSON GIANT

376. **★CRIMSON GIANT.** This is a new extra large radish, often growing to double the size of the other early turnip-shaped varieties, while retaining its firmness and crispness longer than other earlies. It is quick growing, suitable for both forcing and outdoor growing, although the tops are large, developing roots of a handsome deep crimson, which vary in shape from round to oval. Flesh, pure white; flavor, mild. We highly recommend this radish. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 85c; 5 lbs., \$3.25, postpaid.

371. **★OLDS' EARLY SCARLET TURNIP.** A splendid, early, round, bright red radish; flesh white, crisp and tender. A great favorite both with market gardeners and home gardeners. Pkt., 7c; oz., 15c; $\frac{1}{4}$ lb. 35c; lb., 90c; 5 lbs., \$3.50, postpaid.

394. **OLDS' MIXED RADISH.** An assortment of radishes may be easily grown together with pleasing results, affording the diner his choice of an interesting variety. He may choose long, olive or turnip-shaped, in white, red or rose. This mixture will furnish good radishes for a long season with only one planting. Pkt., 3c; oz., 6c; $\frac{1}{4}$ lb., 16c; lb., 50c; 5 lbs., \$1.90, postpaid.

WINTER RADISHES. REGARDING WINTER RADISHES.

There is an evident misunderstanding in regard to winter radishes which we would like to correct. Many people insist on planting winter radishes in the spring the same as other radishes. This will not do. They should not be planted until July or if the weather is very dry, better wait until August.

Winter radishes are good to eat as soon as they are large enough. The flavor is as good or better than spring radishes and they are much larger in size. For winter use, dig them and pack them in earth the same as parsnips, salsify, or celery.

391. **CHINA ROSE WINTER.** Handsome, long, rose-colored, mild, sweet flavored, and of crisp, brittle texture. It is smooth and cylindrical in shape, and keeps well through fall and winter. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 85c; 5 lbs., \$3.25, postpaid.

390. **NEW WHITE CHINESE.** (New Celestial) A large, half-long radish, which will keep in fine condition a long time. White and brittle. Excellent for market gardeners' use. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 85c; 5 lbs., \$3.25, postpaid.

392. **LONG BLACK SPANISH.** The skin is black, and the flesh white and firm. Grows 8 or 9 inches long and 2 to 3 inches in diameter. Pkt., 7c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 85c; 5 lbs., \$3.25, postpaid.

393. **ROUND BLACK SPANISH.** Considered by many the best winter radish. Roots are round and sometimes olive shaped. A long-keeping variety. Pkt., 6c; oz., 12c; $\frac{1}{4}$ lb., 25c; lb., 85c, postpaid.

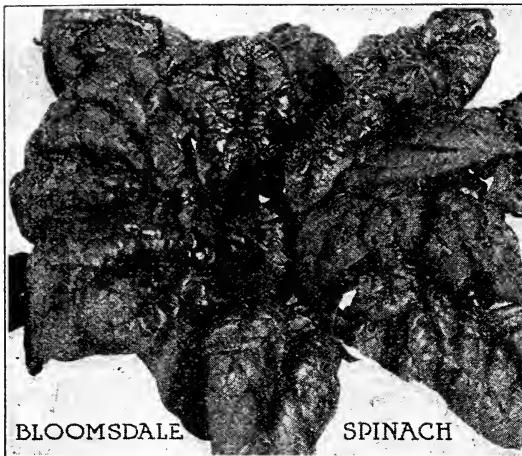


China Rose Winter.

OLDS' SPINACH

Our Spinach Seed is grown in the northern part of Holland where the weather conditions are very similar to those we have in the northern states. We believe that the Holland grown seed is superior to any other on the market. Spinach is a very important market crop and it is becoming more popular each year. Spinach is rich in vitamins. For city gardens we recommend the New Zealand Spinach or *Lucullus* Swiss Chard as both of these can be cut over and over again while the other varieties of spinach can be cut only once.

CULTURE: Spinach needs cool moist weather. The seeds should be sown early in the spring in rows one foot apart and thinned to 6 inches in the row. It will fully mature in 45 days and upon the arrival of warm weather it tends to bolt to seed. By using our Long-Standing strains, spinach can be had over a much longer period as these varieties are very slow to seed. A fall crop of spinach may be sown in late July or August and will do well during the cool, moist autumn days.



BLOOMSDALE

SPINACH

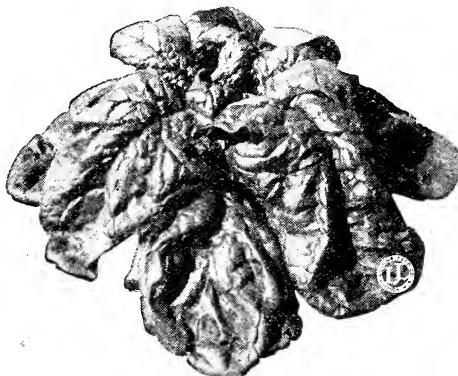


Princess Juliana.

402. **★BLOOMSDALE.** (New Long-Standing Strain.) This is a very early variety and one of the best to plant in the autumn for early spring use. One of the best for market and canning. The plant is of upright growth, with thick, glossy, dark green leaves of medium size, pointed but broad, and crumpled like those of Savoy cabbage. Stems three inches long. It is very hardy. Suitable for home gardens but better adapted for market gardeners. Pkt., 7c; oz., 12c; ¼ lb., 20c; lb., 50c; 5 lbs., \$1.50, postpaid.



400½. **PRINCESS JULIANA.** One of the best long-standing varieties of spinach. Very dark green crumpled leaves, round and thick. It lacks entirely the earlier bolting male plants and as a result the crop as a whole remains much longer in marketable condition. Pkt., 8c; oz., 15c; ¼ lb., 22c; lb., 60c; 5 lbs., \$1.75, postpaid.



New Long-Standing Gaudry Spinach.

404. **OLDS' LONG-STANDING GAUDRY.** Where a fairly smooth leaf spinach is desired we consider this variety far superior to any other offered. It is as fast a grower as any of the early smooth varieties and at the same time has the long-standing qualities. The leaves are large, broad and thick. Pkt., 7c; oz., 12c; ¼ lb., 20c; lb., 50c; 5 lbs., \$1.50, postpaid.

403½. **NEW ZEALAND.** Entirely distinct from true spinach in type. Thrives in hot weather and in any soil, rich or poor. The stems and leaves are soft, thick, fleshy and crystalline in appearance; plant, tall and spreading, with numerous side shoots; leaves rather small and pointed. Pkt., 10c; oz., 17c; ¼ lb., 30c; lb., 90c; 5 lbs., \$3.10, postpaid.



401½. **★KING OF DENMARK.** A new spinach and a very valuable introduction. The plants are ready for use as soon as the early kinds and remain in good condition two weeks after other varieties have gone to seed. The plants grow rapidly, resembling the Long Season in type but leaves are more crumpled and are darker green in color, thick, of good quality. Stands well after cutting. Equally valuable for both the home and market gardener. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; 5 lbs., \$1.50, postpaid.

March 2, 1931.

"I sent for your Dollar Seed Collection last year and found that it was seeds which are hard to beat at such a low price."

Mrs. Jacob Schwarz, Nebraska.

"I have used your seeds for a long time and I must say they have given satisfaction. I appreciate them very much."

Mrs. Geo. Stillman, Wisconsin.

"Olds' Seeds are the best we have ever used. Have used them for about three years now."

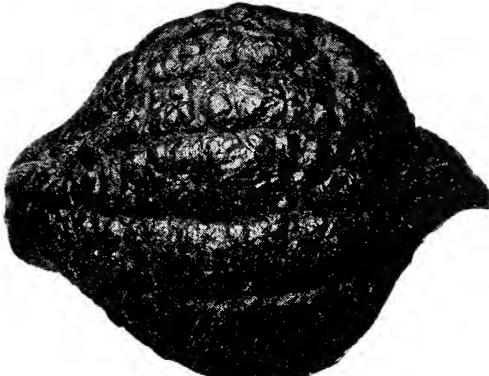
Mrs. Clarence Edwards, Iowa.

February 25, 1931.

OLDS' SQUASH

Olds' Squash Seed is all northern grown and will produce a crop a week to ten days earlier than southern grown. The supply of seed is very short so order early.

CULTURE: Plant in a warm, light, rich soil after the weather has become settled and warm in the spring. Plant in hills 3 to 4 feet apart each way, the large running varieties 6 to 8 feet. Eight to ten seeds should be planted in a hill, thinning out after they have attained their rough leaves to 3 or 4 plants to a hill. Fertilizing will increase the size. Use Slug Shot for the striped beetles. For large quantities see our Market Gardeners' Price List, pages 5 and 6.

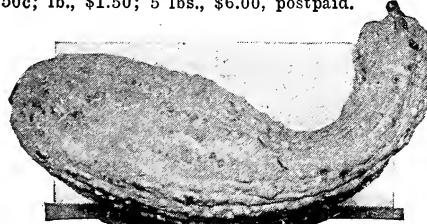


A Typical Specimen of a True Hubbard.

411. ★TRUE HUBBARD. Considered the best of the winter squashes and more largely grown for market and general use than any other variety. A large olive-shaped squash with dark green skin; thick, fine grained flesh of good flavor and of orange-yellow color. A good keeper. Yields heavily. Pkt., 10c; oz., 22c; $\frac{1}{4}$ lb., 60c; lb., \$1.75; 5 lbs., \$7.00, postpaid.

418. BLUE HUBBARD. A new type of Hubbard similar to the original except that it is blue grey in color. Said to be superior to all other Hubbards in quality. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

413. GOLDEN HUBBARD. (Red Hubbard.) Identical in form and fruitfulness with True Hubbard, but usually somewhat smaller and earlier. The moderately warted skin is a beautiful salmon-red color. Like the True Hubbard the flesh is thick, fine grained and of good quality. It also is a good keeper. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.



Giant Summer Crookneck.

407. ★GIANT SUMMER CROOKNECK. The fruit is of an attractive golden-yellow color, covered with fine warts. Grows 15 to 20 inches long. Very prolific, of good taste, and most popular. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.30; 5 lbs., \$4.75, postpaid.

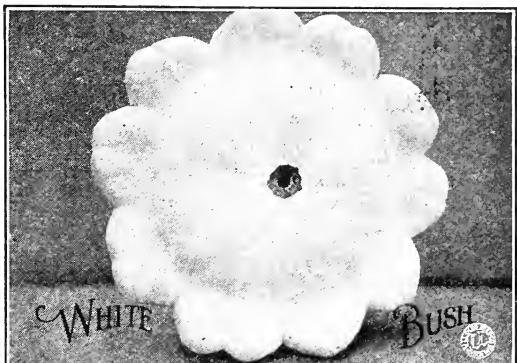
SWEET POTATO PLANTS



TABLE
QUEEN



409. ★OLDS' TABLE QUEEN. This unique winter squash has already won favor second only to Hubbard and in some particulars is preferred to that excellent variety. Equal to the Hubbard in flavor, dryness and keeping qualities and just the right size to cut in half, (when it will bake in 20 minutes) and serve individually in the half shell. The shell is hard, smooth and ridged; of a uniform dark green color, averaging 6 to 8 inches in length. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.00.



405. MAMMOTH WHITE BUSH SCALLOP. Patty Pan. An early maturing summer variety which will bear throughout the season if kept gathered. Squashes white and good sized: flesh thick, of fine quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; 5 lbs., \$4.00.

410. ★DELICIOUS. This variety rivals all others in dryness, sweetness and richness of flavor. The shell is green, flesh deep orange. An excellent keeper. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.00, postpaid.

420. MAMMOTH CHILI. The largest squash of all, sometimes attaining a weight well over 100 pounds. It yields enormously, from 8 to 15 tons per acre; widely used for stock feeding. Bright orange color. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c; lb., \$2.00, postpaid.

Cultural leaflet upon request.

YELLOW JERSEY. Plant on light sandy soil if you have that kind but sweet potatoes will succeed in the north on most any soil if grown from the plants.

Prices, 50 plants, 65c; 100 plants for \$1.00; 1,000 plants, \$5.50, postpaid. (Ready about May 15th.)

Oct. 23, 1931

"From the 100 sweet potato plants you furnished me, I harvested 3½ bushels of fine potatoes. They run very large, some weighing 1¼ lbs. each, measuring 10 inches long and 3 inches in diameter. The flavor seems to be far superior to the southern potatoes we have been getting."

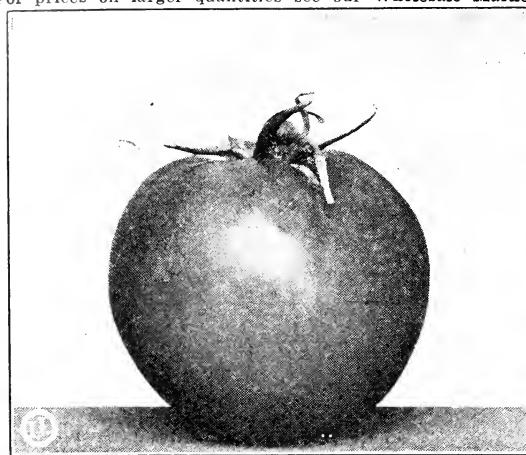
One point I have learned for future use and that is to mark the location of each plant with a stick. I had to dig the entire patch up as the plants spread into a dense bed of vines and I could not tell where the plants were, and the potatoes were hanging in clusters under each plant. I cut a good many in two not knowing where to dig."

I. F. Strauss, Wisconsin.

OLDS' TOMATOES

Olds' Tomato Seed is all northern grown and is produced from tomatoes grown exclusively for seed. Tomatoes do well in practically any garden soil and take up little space. No home garden is complete without them.

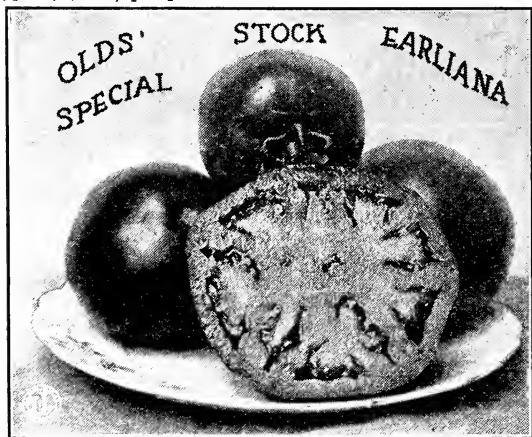
CULTURE: Start the seed indoors about the last of February. When 2 inches high transplant to 4 inches apart each way and again transplant to the open ground as soon as danger of freezing is over. Tomatoes need plenty of sunshine and also a great deal of water. Some growers train the vines on trellises so that the fruit will ripen earlier. Spray with Bordeaux Mixture to prevent disease. Arsenate of Lead will destroy the tomato worms. See page 93. For prices on larger quantities see our Wholesale Market Gardeners' Price List, pages 5 and 6.



Marglobe Tomato.

433. ★**NEW MARGLOBE.** The perfect tomato. Wilt resistant and rust resistant. A new variety that is attracting a lot of attention. Resists nail-head rust and fusarium wilt. Has proven successful under the most severe tests. Pure scarlet in color, globular in shape, extra large, smooth, early, beautiful in appearance and very productive. Above all, the quality is most excellent. Pkt., 10c; $\frac{1}{2}$ oz., 27c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

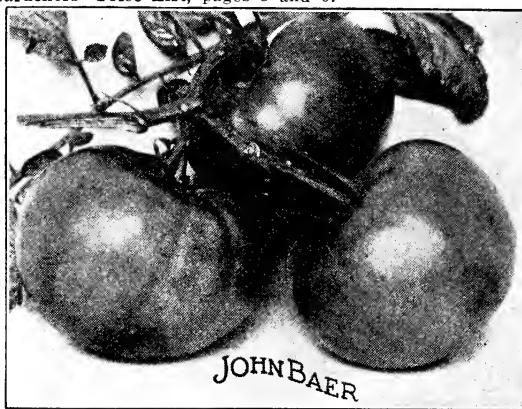
431. ★**BREAK O'DAY.** Our new variety of tomato which we think is just about perfect. It is a wilt-resistant variety and as early as Earliana. For complete description see page 2. Pkt., 12c; $\frac{1}{2}$ oz., 38c; oz., 70c; $\frac{1}{4}$ lb., \$2.10, postpaid.



435. ★**OLDS' SPECIAL EARLIANA.** An improved selection from the Spark's Earliana, earlier and more solid than the original type. We believe this is the earliest tomato grown. Extra select seed, Pkt., 10c; $\frac{1}{2}$ oz., 27c; oz., 50c; $\frac{1}{4}$ lb., \$1.50, postpaid.

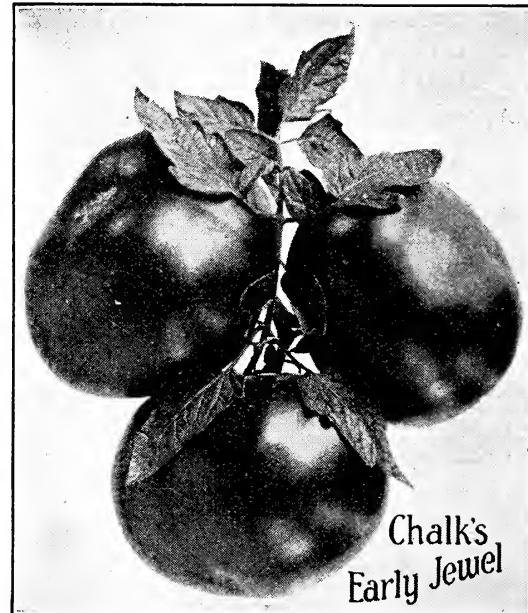
425. ★**SPARK'S EARLIANA.** Best early. Early tomatoes are usually of small size, but Spark's Earliana is not only very early, but remarkable for its large size. Handsome in shape, of a dark red color. Pkt., 7c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00, postpaid.

438. ★**ENORMOUS.** Also called Beefsteak and Crimson Cushion. Really a red Ponderosa and the largest of all red tomatoes. A mid-season, main crop variety, very large, very smooth, with solid meat and few seed cells and seeds. The vines are large, strong and vigorous, bearing many "Enormous" bright red fruits of good flavor. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$1.90, postpaid.



436½. ★**JOHN BAER.** A new variety of merit. A few days later than Earliana, but produces a heavier crop. Tomatoes large; bright red in color. One of the earliest and most solid tomatoes known. Ripens evenly up to the stem and does not crack open when ripe. Strong vines. Pkt., 8c; $\frac{1}{2}$ oz., 22c; oz., 40c; $\frac{1}{4}$ lb., \$1.20, postpaid.

441. ★**OXHEART.** A very large variety grown for exhibition purposes. See page 3 for complete description. Pkt., 15c; $\frac{1}{2}$ oz., 55c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.10, postpaid.

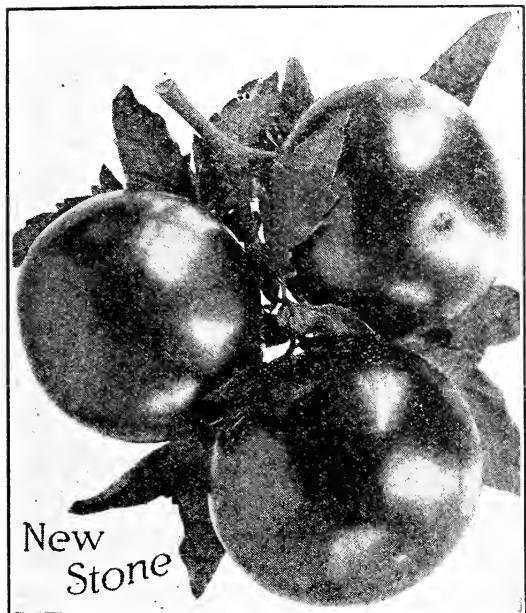


434. ★**CHALK'S EARLY JEWEL.** A fine early variety. Large handsome fruit, smooth, round and solid, with comparatively few seeds, and sweet flavor. Pkt., 7c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00, postpaid.

437. ★**PONDEROSA.** The giant tomato. The tomatoes grow in beautiful clusters, oblong in shape, with solid flesh. Color deep purple. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c; $\frac{1}{4}$ lb., \$2.00, postpaid.

440. ★**LIVINGSTON'S NEW GLOBE.** A beautiful globe in shape. Very smooth, purplish pink. A rich, juicy tomato, ideal for the home garden, excellent for slicing. Second early. Pkt., 7c; $\frac{1}{2}$ oz., 17c; oz., 33c; $\frac{1}{4}$ lb., \$1.00, postpaid.

OLDS' TOMATOES



427. **★NEW STONE.** The standard main crop variety. Always dependable, very vigorous and productive. The fruit is round, large, solid, smooth and deep red in color. Our seed is from selected stock. Pkt., 7c; $\frac{1}{2}$ oz., 20c; oz., 35c; $\frac{1}{4}$ lb., \$1.00, postpaid.

430. **DWARF STONE.** One of the best of the dwarf varieties. Fruit large, smooth, solid and deep scarlet. Plants stocky. A desirable home garden variety. Pkt., 10c; $\frac{1}{2}$ oz., 27c; oz., 50c; $\frac{1}{4}$ lb., \$1.50, postpaid.

439. **OLDS' GOLDEN BEAUTY.** (Golden Queen). A large, smooth, pure yellow tomato. Quality excellent in all respects, either for slicing or preserving. Pkt., 10c; $\frac{1}{2}$ oz., 27c; oz., 50c; $\frac{1}{4}$ lb., \$1.50, postpaid.

SMALL FRUITED TOMATOES

Prices, all varieties: Pkt., 7c; $\frac{1}{2}$ oz., 25c; oz., 45c.

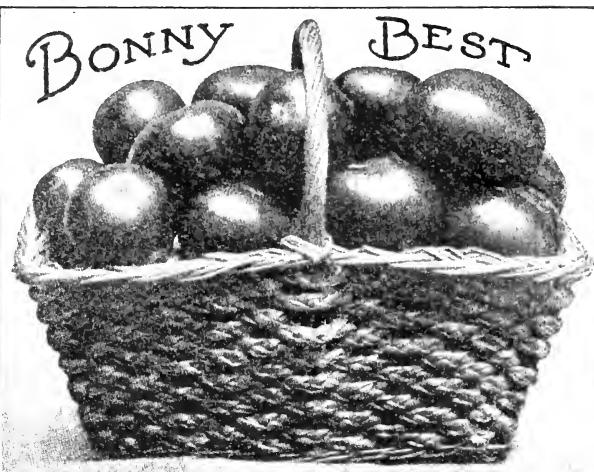
455. **GROUND CHERRY** or **HUSK TOMATO.** The small yellow fruit has a flavor all of its own. The fruit is protected by the loose fitting outer husk. Plants: Doz., 50c, 50 for \$1.25, postpaid.

446. **YELLOW PEAR.** Fruit a bright handsome yellow. Usually grown for preserves and "tomato figs."

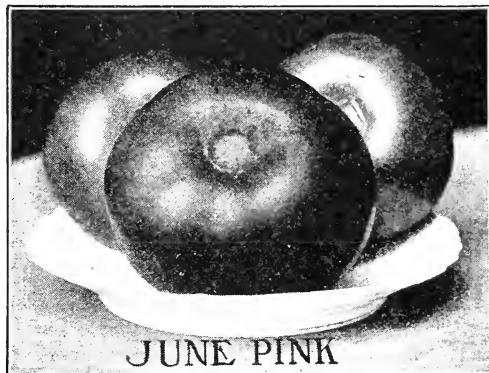
447. **YELLOW PLUM.** Perhaps even more popular for preserves than Yellow Pear. Grows in clusters.

448 $\frac{1}{2}$. **YELLOW CHERRY.** A very small, round, yellow tomato used for preserves.

449. **RED CURRANT.** Smaller than Yellow Cherry and red in color. Used for pickles, preserves, etc.



444. **★BONNY BEST.** An extra fine early variety for the home garden. A few days later than Earliana. The color is bright red. Vigorous and productive. Pkt., 8c; $\frac{1}{2}$ oz., 22c; oz., 40c; $\frac{1}{4}$ lb., \$1.20, postpaid.



443. **★JUNE PINK.** The earliest of all pink tomatoes. A good yielder of high quality, running very smooth for an early sort. The June Pink while an early tomato continues to bear and ripen fruit up to frost. Pkt., 10c; $\frac{1}{2}$ oz., 27c; oz., 50c; $\frac{1}{4}$ lb., \$1.50, postpaid.

429. **★MATCHLESS.** A great main-crop tomato of large size and perfectly smooth. Fruit, a handsome cardinal red, firm and solid. A long keeping variety. Pkt., 8c; $\frac{1}{2}$ oz., 25c; oz., 45c; $\frac{1}{4}$ lb., \$1.35, postpaid.

TOMATO PLANTS. See page 62.

GATOR HIDE MULCH PAPER

Gator Hide Mulch Paper is an extremely tough, durable paper. The paper mulch method, originated in Hawaii, has been found very satisfactory for American conditions. It is of really great value both to the home gardener and the professional grower.

WHAT GATOR HIDE MULCH PAPER DOES:

First, Makes cultivation unnecessary.

Second, Holds the moisture in the soil.

Third, Greatly increases the yield.

Use Gator Hide this year for all your vegetables, for your strawberries, your gladioli, etc. Prices are greatly reduced for 1932.

Prices: Type A, (for annuals), 18 in. width, 300 linear yards to roll, \$3.00 per roll; 36 in. width, 300 linear yards to roll, \$6.00 per roll.
(Former prices \$3.50 and \$7.00.)

Type B, (extra heavy, for perennials), 18 in. width, 150 linear yards to roll, \$3.00 per roll; 36 in. width, 150 linear yards to roll, \$6.00 per roll.

Garden Trial Size, 15 yds., 18 in., 65c per roll; by mail, 80c.

(Ask for 32 page book, "The Miracle of Mulch Paper.")



The Tomato Plants at the left were Mulch Grown, those at the right were not. Increase in yield, 44%.

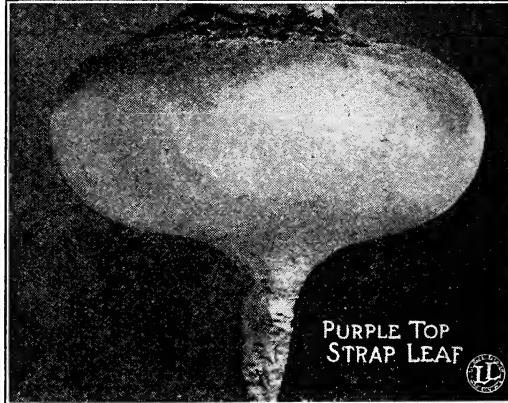
OLDS' TURNIPS AND RUTABAGAS

Farmers should grow more rutabagas and turnips. Stock will thrive and gain rapidly when these are included in their feed. Turnips can be sown with oats and other grain and in that way they cost practically nothing. Enormous yields per acre may be obtained. Ask for Wisconsin Bulletin No. 330, "Root Crops are Profitable."

CULTURE: For early turnips sow as soon as the ground can be worked in drills 14 inches apart, rutabagas 30 inches apart. Thin the early varieties of turnips to 6 or 9 inches in the row and rutabagas to about 12 inches. For a fall crop of turnips sow in July or August and for the main crop of rutabaga sow about June 15th. The roots should be harvested before a severe frost and stored in a cool cellar covered with dry soil. They may also be pitted outdoors, care being taken to keep water from them. Kept in this manner they will be found in good condition in the spring. A packet will sow 50 feet, one pound an acre in drills and 2 or 3 pounds an acre broadcast. If larger quantities are wanted, see our Market Gardeners' Price List, pages 5 and 6.



Purple Top White Globe Turnip.



PURPLE TOP STRAP LEAF



465. OLDS' PURPLE TOP WHITE GLOBE. Very attractive in appearance; almost a perfect globe; a rapid grower, with pure white flesh and a great yielder. Much like Purple Top Strap Leaf except round instead of flat. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 55c; 5 lbs., \$1.75, postpaid.

466. OLDS' SNOWBALL. Very early, of medium size, round as a ball. The most suitable white turnip for table use. Skin and flesh pure white; flesh crisp, tender and very sweet—very desirable for sowing early. Pkt., 7c; oz., 12c; 1/4 lb., 25c; lb., 70c; 5 lbs., \$2.50, postpaid.

RUTABAGAS

475. OLDS' IMPROVED PURPLE TOP. This is an improved strain of the well known standard variety. It is a very heavy yielder, and has no tendency to grow long necks as some varieties do. It is very hardy, a fine keeper, and very satisfactory for both table use and feeding stock. Roots are large, globe shaped, with a very small tap root; color bright yellow with a purple top; tender and sweet. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 70c; 5 lbs., \$2.50, postpaid.

477. NEW GOLDEN NECKLESS. The roots grow to a large size, and are almost globular in form. The flesh is fine grained, of a yellow color, mild and sweet. Will keep until late in the spring. Pkt., 5c; oz., 10c; 1/4 lb., 25c; lb., 70c; 5 lbs., \$2.50, postpaid.

478. WHITE RUSSIAN. An excellent rutabaga for either table use or stock. A good keeper and very desirable in every way. Very large, globular shaped with small neck. Color white with a shade of green at the top. Flesh white, very firm and sweet. The tops are small and strap leaf. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 65c; 5 lbs., \$2.25, postpaid.

"One of the best gardens we have ever raised was from your Dollar Collection of Seeds."—W. H. Berry, Missouri.

"I have used your seeds two years and they always are good. Last year I had your Crimson Giant Radishes. I had the best and largest radishes in the neighborhood."—Mrs. Aug. Rehberger, Wisconsin.

"Have always used your seeds and find them what they are said to be."—Lewin and Martha Crase, Iowa.

460. OLDS' PURPLE TOP STRAP LEAF. The most widely cultivated and best known variety. A very early, productive sort. Largely grown for stock and also a great favorite for table use. Flat in shape, of medium size, purple above ground, and white below. Flesh white, tender and fine grained. Many farmers sow this variety of turnip broadcast with their grain, one pound of seed per acre. It makes a wonderful pasture after harvest. Pkt., 5c; oz., 10c; 1/4 lb., 20c; lb., 55c; 5 lbs., \$1.75, postpaid. Not prepaid, 100 lbs., \$23.00.

468. SHOGOIN. Japanese Louse Proof. Especially valuable for greens. The leaves of this turnip grow about two feet high which makes it practically free from insect attack, as insects work on the leaves next to the ground. The roots are pure white, flat and globe shape and of fair quality. We recommend this variety largely for greens. Pkt., 7c; oz., 12c; 1/4 lb., 25c; lb., 70c, postpaid.

467. COW HORN. Pure white, except a little shade green at the top. Carrot shaped, slightly crooked and growing nearly half out of the ground, making it easy to harvest. Roots often 12 to 15 inches long. Pkt., 7c; oz., 12c; 1/4 lb., 25c; lb., 70c; 5 lbs., \$2.50, postpaid.

474. MIXED TURNIPS. By sowing this well balanced mixture, you are assured turnips of long, round and flat shapes from early summer until winter. Pkt., 3c; oz., 8c; 1/4 lb., 20c; lb., 50c; 5 lbs., \$1.50, postpaid.



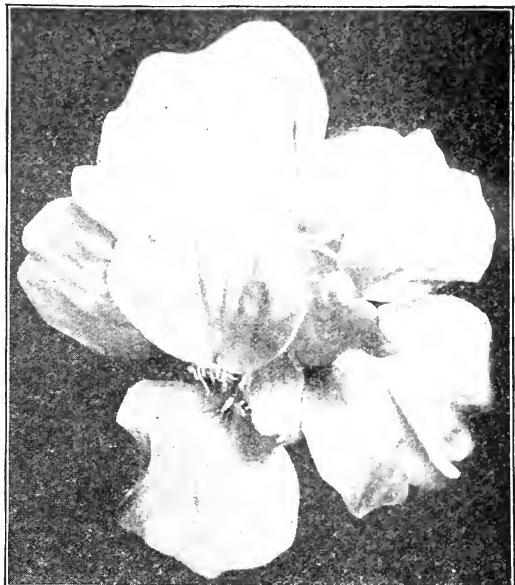
OLDS' FLOWER NOVELTIES AND SPECIALTIES

New Double Sweet Scented Nasturtium

THE OUTSTANDING NOVELTY OF THE SEASON

1055. OLDS' NEW DOUBLE SWEET-SCENTED NASTURTIUM, GOLDEN GLEAM. The Double Nasturtium is not entirely a new thing but the old small-flowered Double Nasturtium had to be propagated from cuttings. This new Double Sweet-Scented Nasturtium comes true from seed. It was discovered in Mexico by Mr. Bodger of John Bodger and Sons Seed Co. Sample seeds of this variety have been sent to different parts of the world where it has been shown at all the leading flower shows and proclaimed "The Outstanding Novelty." The plant forms a vigorous, large bush which throws out runners averaging about 18 inches in length. The flowers commence to come as soon as the plant nears complete development and at the time it is in full bloom the entire plant, including the runners, is a blaze of color. The large Golden Yellow flowers measure from $\frac{1}{2}$ to 3 inches across. They are borne on erect, stiff stems 6 inches in length, making the flowers stand well above the foliage. A bouquet of these placed in a room will in a short period fill the room with fragrance.

Olds' New Double Sweet-Scented Nasturtium is neither a tall nor dwarf variety; it will average about 24 inches in height. It perhaps can hardly be called a true double after all; in our observance of it we would pronounce it a semi-double. However, it is the nearest to a double of any Nasturtium that we know of. The stock of seed will be limited so we advise our customers to order early. Pkt. (35 seeds), 25c; 2 pkts., 40c.



Olds' New Double Nasturtium, Golden Gleam.

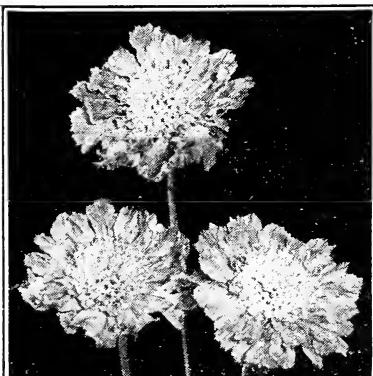
BEAUTIFY YOUR HOME. GROW MORE FLOWERS

Most flowering plants will live in almost any soil, but to give them a fair chance to develop, some care must be taken to make the ground suitable to their needs. The soil best adapted to flowering plants is generally a light friable loam, containing enough sand to make it porous, thoroughly pulverized and enriched with liberal amounts of bone meal or Vigoro. Make the seed bed as fine, smooth and level as possible, except that a slight rounding of the bed is desirable that it may be well drained; do not plant when the ground is wet and do not plant too early. The ground must be thoroughly warm for most flower seeds. Cover each lot of seeds to a uniform depth which should not be more than four to six times the diameter of the seed; press the soil firmly over the seed; plant in rows so that the plantlets may be easily seen; thin to prevent crowding. If you will do this and will use Olds' Seeds, you may confidently look forward to spring, summer, and autumn enriched by the beauty and fragrance of your own flowers.

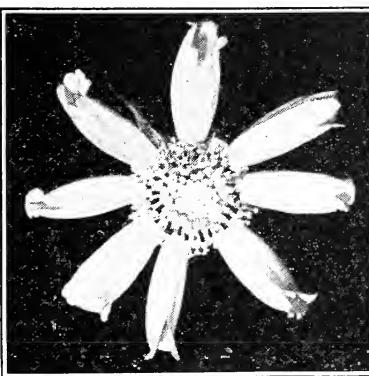
The meaning of the initial letter preceding each variety is as follows:

- A. indicates an Annual; these grow, bloom and die the first year.
- B. indicates a Biennial; these grow the first year and bloom and die the next. Usually self seed.
- P. indicates a Perennial; these grow the first year, bloom the second and from year to year thereafter.
- H. indicates a Hardy Plant. H. H. indicates a Half-Hardy Plant. T. indicates a Tender Plant.

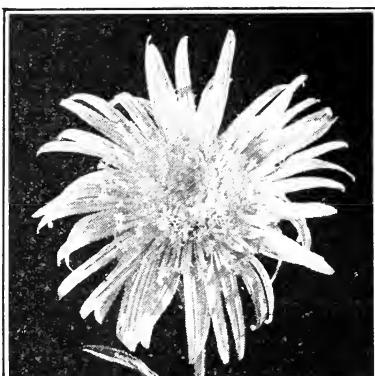
Thus H. H. A. would mean Half-Hardy Annual, and T. P. a Tender Perennial.



Scabiosa, Caucasica Hybrids.



Cosmos, Hollywood Star.



Aster, California Sunshine.

815. OLDS' CALIFORNIA SUNSHINE ASTER. H. A.

An Anemone-flowered type of Aster. The flowers have a raised center with the outside petals of a contrasting color. Without doubt one of the finest varieties for cutting on our entire list, and it is also the most resistant to disease. Our strain has extra long stiff stems. This novelty is exceedingly beautiful. Pkt., 15c; 2 pkts., 25c.

1156. OLDS' CAUCASICA HYBRIDS SCABIOSA. H. A. A perennial Scabiosa and a great improvement over the older types; being more vigorous and larger with longer stems and larger petals.

The petals are ruffled and slightly frilled on the edges. The colors in this strain range from white to the darkest blue. Pkt., 15c; 2 pkts., 25c.

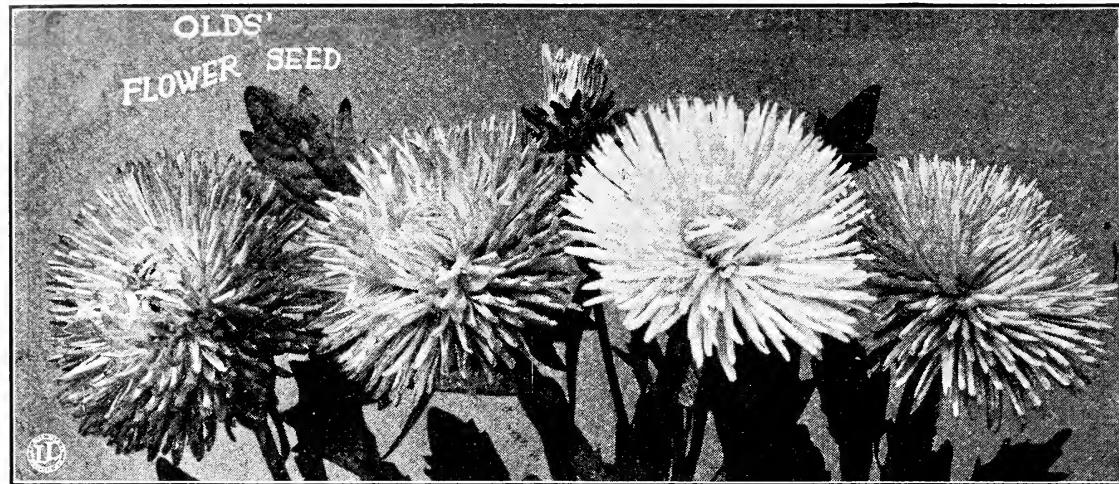
924. OLDS' HOLLYWOOD STAR COSMOS. H. A.

This graceful oddity was discovered in a field of late crested Cosmos. See illustration above. The flowers are pink, red and white, borne on long stems. Very useful for cut flowers as it is sure to attract attention wherever it is shown. It is rather late in blooming so plant early. Pkt., 15c; 2 pkts., 25c.

OLDS' CHOICE FLOWER SEEDS

OLDS' ASTERS

Asters are most desirable of all autumn hardy annuals, for during the early fall when all nature is a riot of reds and yellows, they produce the blues and purples that perfect the color scheme. Plant Asters in new ground each year. All flower seed prices are postpaid prices.



Olds' Finest Mixed Asters.

800. ★Olds' Finest Mixed. This is a mixture of the very best varieties; large flowers, bright colors, a splendid assortment. Pkt., 10c; $\frac{1}{2}$ oz., 50c.

800½. Royal Mixed (Early Flowering). A new class of American aster. Very large double flowers with distinctly incurved petals. Pkt., 7c; $\frac{1}{2}$ oz., 45c.

802. Giant Comet Mixed. Immense double flowers, resembling chrysanthemums. Pkt., 10c; 2 pkts., 15c.

802½. ★Olds' Giant Branching (Mixed). The finest of all asters for cutting. Large vigorous plants, bearing a great profusion of bloom; immense fluffy flowers. Pkt., 10c; $\frac{1}{2}$ oz., 50c.

803½. ★Sensation. This is the reddest of all red asters. The bright color glistens in the sunshine like a live coal. Flowers double, recurved. Pkt., 12c; 2 pkts., 20c.

805. ★Heart of France. The best pure red aster ever introduced; flowers large and full, purest ruby. Pkt., 15c; 2 pkts., 25c.

804½. ★Giant White (Branching). One of the best white asters. Four inches in diameter. Pkt., 10c.

805½. Giant Shell Pink (Branching). The best clear light pink. Large flowers, graceful in form. Pkt., 7c.

806. White Ostrich Plume. Without doubt one of the finest asters grown. Large, graceful flowers free from all stiffness; very suitable for cut flowers. Pkt., 10c.

807½. Giant Crimson (Branching). A new variety with conspicuously bright red flowers, very double. A mass of them produces a splendid effect. Pkt., 5c.

808½. Giant Blue (Branching). Almost a pure lavender shade, approaching an azure blue. Pkt., 10c.

809½. Giant Purple (Branching). A rich violet or purple. One of the best dark-shaded varieties. Pkt., 10c.

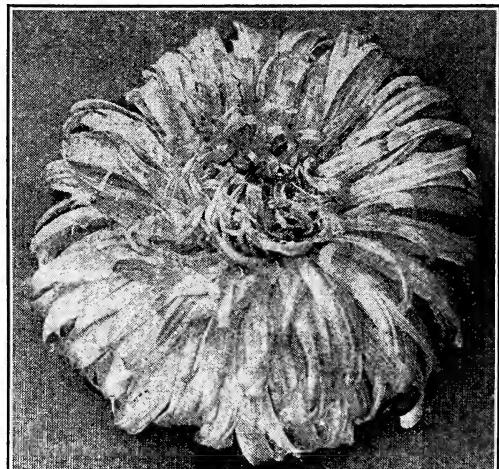
812. Alice Roosevelt. Large yellow flowers changing to flesh color. Pkt., 10c.

819. ★Olds' Everlasting Aster. A curious new Aster resembling a Helichrysum. When cut and dried it has the color and shape of an everlasting flower. Plant early in the spring. Pkt., 10c; 2 pkts., 15c.

815. ★Olds' California Sunshine Aster, Mixed. H. A. This new aster is one of the most fascinating flowers yet introduced. Very fine for cutting. See page 40. Pkt., 15c; 2 pkts., 25c.

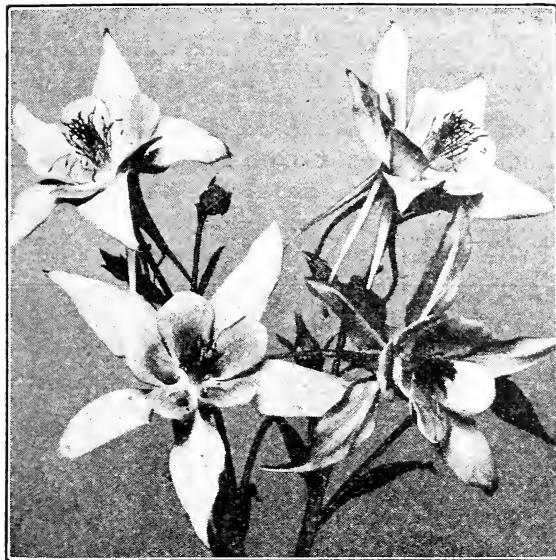
817. ★Olds' California Giant Double, Mixed. A combination of the sturdy habit of growth and long stems of the Beauty type of Asters with the well-known Ostrich Feather type of large, graceful flowers. The colors are white, peach blossom, light blue, light purple, deep rose and dark purple. Pkt., 15c; 2 pkts., 25c.

ASTER PLANTS. Olds' Finest Mixed. 45c per doz., postpaid.



Olds' California Giant Double Aster.

OLDS' CHOICE FLOWER SEEDS



Aquilegia or Columbine.

845. ★**AQUILEGIA**. H. P. (Columbine.) Poised on slender swaying stems like graceful birds, the blossoms appear to be hovering but a moment before darting away. Exquisitely dainty flowers, spurred. Pkt., 10c.

825. **AGERATUM**. H. H. A. Dwarf Blue. (Floss Flower, Paint Brush.) One of the best bedding plants, bearing bright blue flowers in greatest profusion from early summer until frost. Pkt., 10c.

831. **ALYSSUM, SWEET**. H. A. (Carpet Flower.) Little Gem. Carpet of snow. One of the finest dwarf annuals we have for edging, and much loved for its modest blossoms, white and honey scented. Pkt., 7c.

833. **ALYSSUM, SWEET**. H. P. Saxatile. A perennial Sweet Alyssum, producing masses of golden flowers very early. Pkt., 10c.

ANTIRRHINUM. See Snapdragon, page 49.

862. **BEGONIA**. T. P. Single Mixed. The well known perpetual blooming house plant. Easily grown from seed. Pkt., 15c; 2 pkts., 25c.

BABY'S BREATH. See Gypsophila, No. 994, page 45.

855. ★**BACHELOR'S BUTTON**. H. A. (Centaurea, Corn Flower, Blue Bottle, Ragged Sailor, etc.) Mixed. Although not a pretentious plant, Bachelor's Button is one of the popular, hardy, old-fashioned annuals. Pkt., 5c.

BLANKET FLOWER. See Gaillardia, page 46.

BUTTERFLY FLOWER. See Schizanthus, page 49.

OLDS' CALENDULAS.

868. ★**OLDS' CAMPFIRE**. H. A. (Sensation.) Larger blooms than on any variety previously introduced. Of vigorous growth, the flowers borne on stout stems. The color of the petals is brilliant orange with a scarlet sheen, with full yellow center. Blooms are flat, large and handsome. Pkt., 15c.

865. **DOUBLE MIXED**. H. A. (Pot Marigold.) Freely flowering plants of easiest culture, succeeding everywhere. Pkt., 5c.

866. **ORANGE KING**. H. A. A very select, double, dark orange-red calendula. Pkt., 10c.

880. **CANARY BIRD FLOWER**. H. A. A dainty vine with ornamental cut leaves, and dainty, canary-yellow flowers of curious shape. Pkt., 10c.

885. **CANDYTUFT**. H. A. Olds' Choice Mixed. Well known, hardy plants, much used for borders and edging. Easy to grow. Pkt., 5c.

875. **CALLIOPSIS**. H. A. Fine Mixed. Showy, yellow flowers that thrive anywhere, some with base of petals of deep maroon. Blooms from summer to fall. Pkt., 5c.

877. ★**CALLIOPSIS**. H. P. (Coreopsis.) Lanceolata. One of the finest of the hardy perennials. Yellow, daisy-like flowers in great profusion. Pkt., 10c.

COREOPSIS PLANTS. See page 56.

890. **CANNA**. H. A. Crozy's Best Mixed. Height, 2½ to 8 feet. Great clusters of brilliant bloom, borne on tall spikes, surmounting broad leaves of green, bronze or purple, giving a tropical effect. Pkt., 10c.

CANNA EULBS. See page 54.



Olds' Camellia Mixed Balsam.

860. ★**BALSAM**. H. A. (Lady Slipper.) Olds' Camellia Mixed. Another old time favorite, producing its gorgeous masses of brilliant colored flowers in great profusion in the axils of the leaves. Very easy to grow. Pkt., 7c.

895. **CANTERBURY BELLS**. H. B. Mixed. The spikes of this imposing biennial are covered with large, blue and white, bell-shaped flowers. Pkt., 10c; 2 pkts., 15c.

896. ★**CANTERBURY BELLS**. H. B. Cup and Saucer. This is a very interesting species of Canterbury Bell, the calyx forming a saucer around the base of the cup like a bell. Pkt., 10c; 2 pkts., 15c.

CANTERBURY BELLS PLANTS. See page 56.

CATHEDRAL BELLS. Pkt., 10c. See Cobaea Scandens, page 44.



Olds' Carnations.

900. **CARNATION**. H. H. P. New Giant Marguerite. (Improved strain.) Free blooming, spicy-scented, double, fragrant flowers, nearly 3 inches across. Pkt., 10c.

901. **CARNATION**. H. H. P. Yellow Marguerite. A unique color in carnations. Pkt., 10c.

900½. **CARNATION**. H. P. Dwarf Vienna Mixed. Quite hardy with ordinary protection. Large, double flowers, produced in succession all summer. Pkt., 10c.

OLDS' CHOICE FLOWER SEEDS



OLDS' E SCHOLTZIAS OR CALIFORNIA POPPIES.

874. RAMONA. H. A. A striking novelty which has been accepted as a very desirable type of fancy Escholtzia. Flowers are ruffed and of a beautiful gold color. In numerous tests the past few years it has become more striking each season. Pkt., 10c; 2 pkts., 15c.
 870. FINE MIXED. H. A. (Escholtzia.) The State Flower of California. A bright, free-flowering plant with finely-cut foliage and tulip-like flowers, orange and yellow. Should be in every garden. Pkt., 7c.
 872. CARMINE KING. H. A. Beautiful carmine-rose, both inside and out. Pkt., 7c.

873. GOLDEN. H. A. The true wild California Poppy. Largest flowers. Pkt., 7c.

871. ★AUTUMN GLORY. H. A. Our 1930 novelty. A new orange yellow, double, California Poppy which is easily grown from seed. Flowers are shaped like early, double tulips. Pkt., 10c; 2 pkts., 15c.

934. CYNOGLOSSUM—AMABILE. H. A. This new Chinese Forget-Me-Not forms erect bushes 18 inches high which are covered with beautiful brilliant blue, fragrant flowers. Blossoms from May to October. Fine for the border. Pkt., 7c.

FLOWER PLANTS. See Page 62.



Escholtzia, Ramona.

898. CARDINAL CLIMBER. H. A. A very hand-some vine with finely-cut fern-like ornamental foliage; a strong, rapid grower attaining a height of 25 feet, and covered with a blaze of fiery, cardinal red flowers, somewhat resembling small Morning Glories with the bell turned back. Pkt., 10c; 2 pkts., 15c.

CASTOR OIL BEANS. Pkt., 10c. See Ricinus, page 49.

905. CELOSIA. H. A. (Coxcomb.) Ostrich Plume. Very hardy annuals of easy culture, producing large, ornamental, comb-like heads like ruffed crimson chenille. Maroon-colored leaves. Pkt., 5c.

911. CENTAUREA IMPERIALIS. H. A. Sweet Sultan. Beautiful, sweet-scented thistle-like flowers borne on long, strong stems. When cut, will last for days in water. Very easy to grow. Pkt., 10c.

915. CHRYSANTHEMUM. H. A. Single Mixed. Annual varieties. Showy flowers of pleasing shades, growing on strong stiff stems. Largely grown for cut flowers. The foliage is finely cut and ornamental. Pkt., 10c.

CHRYSANTHEMUM PLANTS. See page 57.

919. CLARKIA ELEGANS. H. A. Mixed. Bright and attractive annuals of easy culture. They grow about 2 feet high, bear profusely; pretty double flowers carried on long, graceful sprays. Flowers resemble sprays of flowering almond. Pkt., 10c.

920. COBAEA SCANDENS. H. A. (Cathedral Bells.) One of our finest and most rapid growing climbers, attaining a height of 30 feet during the season; fine for covering porches, trellises, arbors, tree-trunks, etc.; will cling to any rough surface. In sowing, plant the seed edgewise, in flats in March or April. The large bell-shaped flowers are first green then turn to a beautiful purple. Pkt., 7c.

COXCOME. See Celosia, above.

933. CYCLAMEN. T. P. Giant Flowered. A charming house plant with rich-colored flowers, whose beauty of form is enhanced by the reversed petals. Difficult to grow from seed. Pkt., 15c.

930. CYPRESS VINE. H. H. A. Mixed. Unexcelled for training up a light trellis. Bears many star-shaped scarlet or white blossoms; finely cut leaves. Pkt., 7c.

TEN RULES FOR SUCCESS WITH FLOWERS. Each Must Be Observed.

1. Buy good seed. Cheap seed is not likely to be a bargain.
2. Plant new sorts. Variety is the spice of life.
3. Sow enough to make a showing, but do not sow too early. Wait until the ground is warm.
4. Prepare the soil thoroughly. Use the spade first. Add plant food.
5. Sow the seed thinly. Mix fine seed with sand to make it easier to sow.
6. Sow the seed to a depth of four times its diameter. Shade the seedlings if in the direct light of the sun.
7. Thin or transplant to proper distances. Crowding seedlings causes tall and spindly plants which will not produce the kind of flowers you want.
8. Cultivate, not just to keep the weeds down but also to retain the moisture in the soil.
9. Annuals will stop blooming if allowed to seed. Cut off all faded blossoms.
10. Water thoroughly. Do not bring the roots to the surface by wetting the soil. Soak the ground good and water often. All flowering plants must have plenty of moisture when they are blooming.



Cosmos—Double Early Flowering Mixed.

OLDS' COSMOS.

925½. Double Early Flowering Mixed. H. A. Grows about three feet high, forming a perfect bush, massed with blooms. The double crested center is edged with a row of single petals. Very early. Pkt., 15c.

924. H. A. Olds' Hollywood Star. This curious shaped Cosmos is indeed a rare novelty. See page 41. Pkt., 15c.

926½. ★Extra Early Colossal Mixed. H. A. The Cosmos for the northern states. The plant is graceful and delicate, the flowers are single and as large as the late blooming kinds. Pkt., 10c; oz., 50c.

925. Giant Flowered Mixed. H. A. Not as early as some but with very large blossoms. Pkt., 10c.

DELPHINIUM. Pkt., 10c. See Larkspur, page 46.

958. DIGITALIS. H. P. (Foxglove) Giant Shirley Mixed. Handsome spikes of blossoms 3 to 4 feet tall giving a wealth of flowers during June and July. Pkt., 10c.

DIGITALIS PLANTS. See Foxglove page 56.

OLDS' ANNUAL FLOWER GARDEN

12 PKTS. FOR 50c, POSTPAID

This collection is composed of one full-sized packet of each of the following easily grown and free flowering annuals. Will furnish flowers from early summer until frost.

Alyssum, Little Gem.
Snapdragon, Giant French.

Cosmos, Extra Early Colossal Mixed.

Bachelors Button, Mixed.
Balsam, Olds' Camelia

Mixed.
Dianthus, Mixed.

Calendula, Double Mixed.
Calliopsis, Fine Mixed.

Marigold, Mixed Dwarf French.

Celosia, (Cockscomb) Os-trich Plume.

Poppy, Olds' Finest Mixed.

OLDS' AMAZEMENT FLOWER GARDEN MIXED

PKT., 5c, ½ OZ. Pkt., 15c; 1 OZ. Pkt., 25c,

POSTPAID.

This mixture is made up of many attractive and easily grown annuals. Some of the varieties are standard favorites, while many are little known but wonderful flowers. Our "Amazement Garden" will please you with a succession of bloom from early spring until late fall.

OLDS' CHOICE FLOWER SEEDS



OLDS' DAISIES

944½. **Golden Orange.** H. A. A showy African Daisy with large, glossy, orange-red flowers. Pkt., 10c.

940. **Fine Mixed.** H. P. Few flowers are more universally loved than daisies, celebrated in song and rhyme from time immemorial. Pkt., 7c.

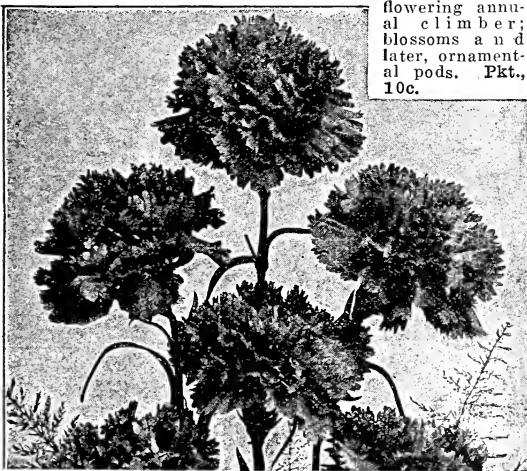
943½. **Arctotis.** H. A. (Blue-Eyed African Daisy.) Plants quickly form bushes 2 to 3 feet across with deep-cut silver foliage and large blossoms of silver white with blue eye. Underside of petals bluish. Pkt., 5c.

944. **Shasta.** (Giant Alaska.) H. P. A splendid, hardy perennial producing, on stout stems, great flowers 5 inches in diameter with pure white overlapping petals. Pkt., 10c.

DAISY PLANTS. Page 56.

945. **PYRETHRUM, Roseum.** H. P. (Painted Daisy.) A valuable early summer flower. Charming shades of pink and red daisy-shaped flowers blooming freely in May and June, often blooming again in the fall. Pkt., 15c.

960. **DOLICHOS.** H. A. (Hyacinth Bean.) A rapid-growing, free-flowering annual climber; blossoms and later, ornamental pods. Pkt., 10c.



Dianthus, Mixed.

950. **DIANTHUS.** H. A. (Pinks.) Mixed. One of the most loved of all annuals. The brilliant, contrasting colors appearing in each flower form stripes, bands and markings and are very beautiful. Pkt., 10c.

957. **DIANTHUS.** H. P. Plumarius. (Clove Pink.) A beautiful hardy perennial single pink with fringed edged flowers in various colors. Pkt., 10c.

959. **DIDISCUS Coeruleus.** H. A. (Blue Lace Flower.) A beautiful blue-flowering annual growing about 3 feet tall. Very fine for cutting. Pkt., 10c.

OLDS' STRAWFLOWERS

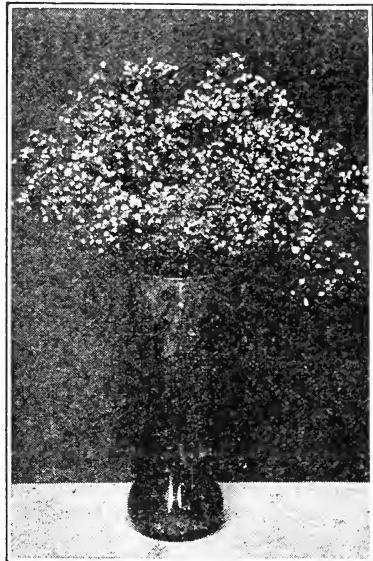
965. ★**EVERLASTING.** H. A. Helichrysum Mixed. Double flowers in glittering colors. Pkt., 10c.

966. **EVERLASTING.** H. P. (Sea Lavender.) Statice. Full panicles of small blue flowers all summer. Pkt., 10c.

966½. **EVERLASTING.** H. P. Statice Latifolio. Large flat heads of purplish-pink color. Pkt., 10c.

967. **EVERLASTING.** H. A. Acroclinium. Mixed. A pretty annual 15 inches high, bearing lovely white or pink daisy-like blossoms. Lasts through the winter. Pkt., 10c.

968. **EVERLASTING.** H. A. Statice Sinuata. A charming new bright rose color. Pkt., 10c.



Gypsophila Paniculata or Baby's Breath.

993. **GYPSOPHILA.** H. P. (Baby's Breath.) Paniculata. The flowers are small, starlike, and borne in feathery sprays. May be used for winter also. Pkt., 15c.

GYPSOPHILA PLANTS. See page 56.

994. **GYPSOPHILA Elegans.** H. A. Similar to the perennial Gypsophila only an annual. Pkt., 10c.

997. **GOMPHRENA.** H. A. Best Mixed. (Globe Amaranth.) A showy annual everlasting or straw flower, much like a large clover blossom. Pkt., 10c.

1026. **LUNARIA.** H. A. (Silver Dollar Plant.) The flowers are purple followed by silvery seed pods which make wonderful winter decorations. Pkt., 10c.

STRAWFLOWER COLLECTION.

One packet each of the following varieties: 965, 967, 968, 994, 997, 1026 for 35c, postpaid.



1303. **CHINESE WOOLFLOWER.** H. A. The most showy of all garden annuals. A new variety of Celosia growing two to three feet high, with great, crimson, globe-shaped heads. Scores of branches are thrown out, each bearing a ball of scarlet wool. Pkt., 10c.

OLDS' CHOICE FLOWER SEEDS



Hardy Perennial Gaillardia.

986. ★**GAILLARDIA**. (Blanket Flower.) H. P. Hardy Perennial Mixed. Blooms continuously through summer and fall, regardless of heat or drought. Flowers with brown center, surrounded with concentric rings of crimson, orange and scarlet, on the petals. Grows about 2 feet tall. Pkt., 10c.

985. ★**GAILLARDIA**. H. A. Double Mixed. The annual Blanket Flower—reds and yellows. Pkt., 10c.

GAILLARDIA PLANTS. See page 56.

987. **GERANIUMS**. T. P. Mixed. Blooming plants can be grown from seed the first year. Pkt., 15c.

GERANIUM PLANTS. See page 57.



Improved Coltness Hybrid Dahlia.

936. **DAHLIA**. H. A. Improved Coltness Hybrid. A dwarf, compact, single-flowered Dahlia easily grown from seed. Attains a height of 1 to 1½ feet. Will produce flowers freely throughout the season of many vivid and striking shades. Pkt., 10c; 2 pkts., 15c.

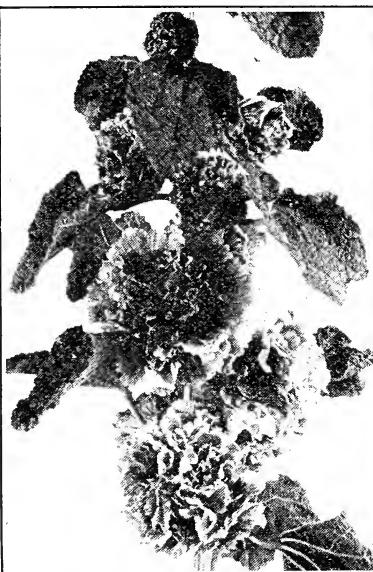
935. **DAHLIA**. H. A. Double Mixed. Large flowering. Dahlias can be easily grown from seed so as to bloom the first year. Plant in a box in the house in April, and transplant. Pkt., 10c.

DAHLIA BULBS. See page 53.

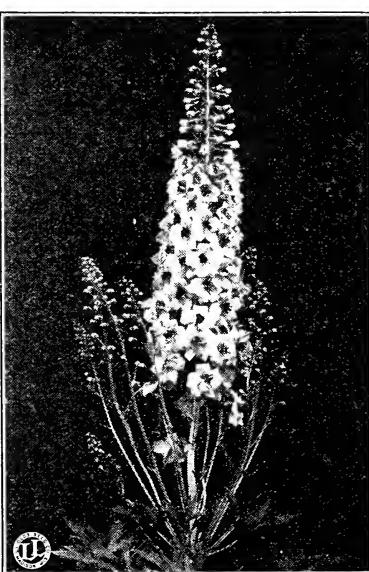
970. **FORGET-ME-NOT**. H. A. (*Myosotis*) One of the best spring flowers and a great favorite. A sea of blue. The national flower of Belgium. Pkt., 7c.

975. **FOUR O'CLOCK**. H. A. (Marvel of Peru.) Mixed. Handsome, free-flowering, many colored blossoms. A good, old-fashioned flower of hardy habit, very charming as a hedge plant. Pkt., 5c; oz., 25c.

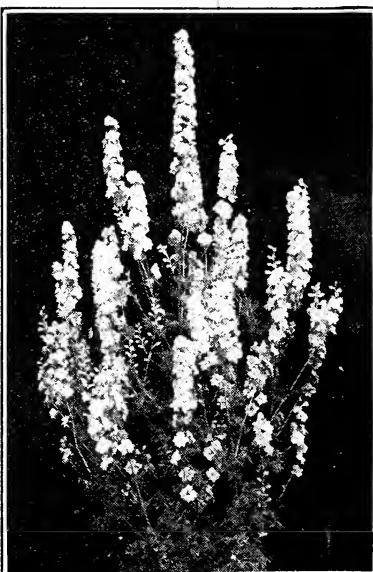
995. **GOURLS**. T. A. Mixed. Ornamental. Quickly makes a dense growth of vines. Pkt., 5c.



Hollyhock, Olds' Exquisite.



Delphinium, Olds' Hollyhock Strain.



Larkspur, Olds' Los Angeles.

HOLLYHOCK

1006. OLD'S EXQUISITE.

B. A wonderful variety and a great improvement over the older types. Very large flowers with beautifully curled and fringed white marginated petals, each adorned with a large blotch of various shades of red. Pkt., 15c.

1005. ★**HOLLYHOCK**. H. P. Chater's Double Mixed. Stately stalks of velvet bloom. Giant flowers of red and pink and white. Sow in June for flowers next summer. Pkt., 10c.

1007. ★**HOLLYHOCK**. Annual Mixed. Tall spikes of satiny mallow flowers throughout the summer. Pkt., 5c.



DELPHINIUM

1019. OLD'S HOLLYHOCK STRAIN MIXED.

H. P. This is the finest of all types of Delphiniums. This mixture contains all of the colors in Delphiniums including both double and single flowering varieties. Individual blooms have actually measured three inches across. Plants are from 5 to 6 feet tall. Planted this summer they will bloom next year and every year thereafter. Pkt., 20c; 2 pkts., 30c.

1017. **DELPHINIUM**. H. P. Belladonna. Spires of finest blue. This hybrid strain is of wonderful beauty; growing to 6 feet in height. Pkt., 10c.

LARKSPUR

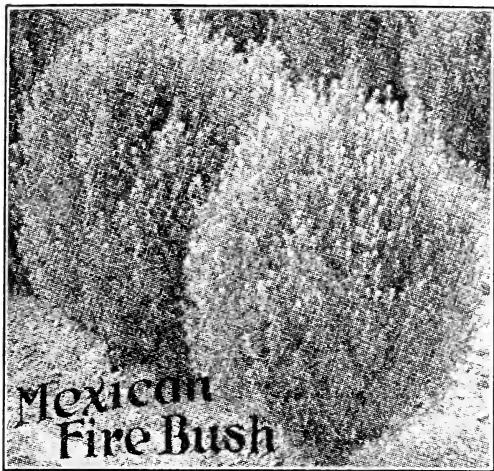
1018. OLD'S LOS ANGELES.

H. A. Similar to La France, but larger and with a deeper color. In this variety we have the rich salmon ground of La France overlaid with a brilliant and pleasing rose. The type of growth is similar to La France, but the foliage is a much darker green. Pkt., 20c; 2 pkts., 30c.

1015. ★**LARKSPUR**. H. A. Fine Mixed. Tall old-fashioned spikes of blue. Pkt., 10c.

1016. ★**LARKSPUR**. H. A. La France. Salmon-pink shade of the stock flowering type. Pkt., 15c.

OLDS' CHOICE FLOWER SEEDS



Mexican Fire Bush

1013. ★KOCHIA. (Annual Evergreen.) H. A. Mexican Fire Bush. A rapid grower, producing globe-shaped bushes of finely cut small green leaves and stems, which change in the early fall to carmine. Pkt., 5c.

990. GODETIA. H. A. Best Mixed. A very pretty annual which should be grown more extensively. Attains a height of about 1½ feet. The flowers have a satiny texture and appear in many beautiful colors. A profuse bloomer. Does well in poor soils. Pkt., 5c.

969. EUPHORBIA. H. A. (Snow on the Mountain.) A very distinct plant. Grows 2 feet high; very showy with its foliage edged white and green. Is splendid for bouquets. Pkt., 5c.

1000. HELIOTROPE. H. H. P. Choice Mixed. Flowers from seed the first year. Delicate blue and white flowers continuously appearing. Loved most for its fragrance. Pkt., 10c.

1010. HUMULUS. H. A. Japonicus. (Japanese Hop.) A fine porch vine. Makes a rapid growth. Heat, drouth, and insects will not affect it. Pkt., 10c.

1025. LOBELIA. H. A. Dwarf Blue. Compact, bushy little plants about 6 inches high and covered with little, bright blue flowers. Pkt., 10c.

1020. PERENNIAL SWEET PEA. H. P. Similar to the annual kind but continuing year after year. Pkt., 15c.

1040. MOONFLOWER. H. A. Mixed. A fine, ivy-leaved climber, covered every evening and cloudy day with large, fragrant flowers. Pkt., 10c.

1035. MIGNONETTE. H. A. Mixed. Of dwarf, pyramidal form; numerous branches; very fragrant. Fine for combining in bouquets. Pkt., 7c.

1045. MORNING GLORY. H. A. Imperial Japanese. A wonderful array of color—pure white through all shades of blue and red to the darkest purple. Pkt., 10c; oz., 30c.

1047. MORNING GLORY. H. A. Tall Mixed. The beautiful, old-fashioned, common Morning Glory. Fine for porches. Pkt., 5c; oz., 20c.



Olds' Tall Mixed Nasturtiums.

OLDS' NASTURTIUMS

1060. ★NASTURTIUM. Olds' Tall Mixed. H. A. No annual is more easily grown than the Nasturtium and nothing surpasses it in duration of bloom or in brightness of color. Olds' Tall Mixed Nasturtiums are the freest bloomers and produce the largest flowers. Keep picked and they will bloom better. Large pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25, postpaid.

1050. ★NASTURTIUM. Olds' Dwarf Mixed. H. A. The Dwarf Nasturtiums are best adapted to sowing in beds or for borders. Olds' Dwarf Mixed comprise a wonderful assortment of rich and varied shades. Large pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.

1055. NASTURTIUM. Olds' Golden Gleam. Our 1932 novelty. A double-flowered sweet-scented Nasturtium which is readily produced from seed. A truly remarkable introduction which we want all our customers to try. It has proven satisfactory in all parts of the country. We are sure you will be pleased with it. Please note page 41 for complete description. Pkt. (35 seeds), 25c; 2 pkts., 40c.

OLDS' MARIGOLDS

1030. ★MARIGOLD. H. A. Mixed French. The favorite, dwarf, highly-colored variety. Pkt., 10c.

1030½. MARIGOLD. H. A. Tall Double French Mixed. Much taller than the French Dwarf mixed. Grows to a height of about 30 inches. Colors, yellow, cream, orange and rusty brown. Pkt., 10c.

1031. MARIGOLD. H. A. Lemon Queen. Large, double-quilled African Marigolds. Very showy. Pkt., 10c.

1031½. MARIGOLD. H. A. African Mixed. An exceptionally fine, tall branching strain bearing enormous flowers of the quilled type. Pkt., 10c.

1032. MARIGOLD. H. A. Signata Pumila. (Border Marigold.) A miniature marigold, 6 to 8 inches high, completely covered with bright orange flowers. Very striking for edgings. Pkt., 10c.



FINEST MIXED PHLOX

1110. ★PHLOX. H. A. Olds' Finest Mixed. A splendid mixture of pleasing colors and varieties. Pkt., 10c.

1111. PHLOX. H. A. Starred and Fringed. Pretty star-like flowers of many colors, some fringed. Pkt., 10c.

1115. PHLOX. Decussata Mixed. H. P. Seed from the newest varieties of perennial phlox. Pkt., 15c; 2 pkts. for 25c.

PHLOX ROOTS. See page 54.

OLDS' CHOICE FLOWER SEEDS



Olds' Giant Prize Mixed Pansies.

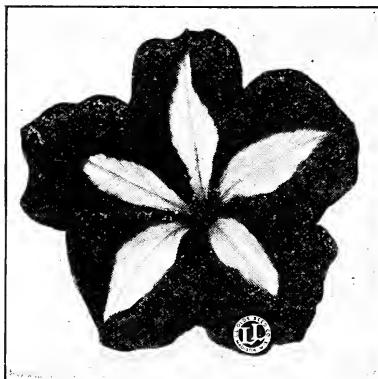
OLDS' PANSIES

1075. Olds' Giant Prize Mixed. P. The largest, richest, best-formed flowers of any Pansy we have ever seen, ranging in color from pure white through bronzes, browns, yellows and blues to the deepest purple-black. Pkt., 25c; $\frac{1}{4}$ oz., \$2.00; $\frac{1}{2}$ oz., \$3.50; 1 oz., \$6.00.

PANSY PLANTS. 50c per doz., postpaid.



OLDS' PETUNIAS



Petunia, Star of California.

1104. ★OLDS' BALCONY PETUNIA. Star of California. H. A. This is a magnificent Petunia of the balcony type. Bred with extremely long branches. The flowers are a rich velvety violet with a touch of crimson, starred with five pure white blotches. The effect in window boxes or hanging baskets is dazzling. In some localities this variety will not bloom true. However, it is well worth trying. Pkt., 15c; 2 pkts., 25c.

1100. ★Olds' Finest Mixed. H. A. The largest and richest of all Petunias. Start plants in flats or window boxes. Pkt., 20c; 2 pkts., 35c.

1102. Choice Mixed. H. A. Will produce an abundance of small, bright flowers. Pkt., 10c.

1103. ★Rosy Morn. H. A. Compact plants bearing a profusion of beautiful flowers $1\frac{1}{2}$ inches in diameter, with throats of silvery-white, the rest heavily flushed with soft rosy pink. Pkt., 10c; $\frac{1}{4}$ oz., \$1.00.

ROSY MORN PETUNIA PLANTS. Doz., 40c; 50 for \$1.25, postpaid.

1108. Olds' Carnation Flowered. H. A. Resembles a double carnation. The flowers are light rose. Will usually bloom 15 to 20 per cent double from seed. Pkt., 25c.

1109. Double Mixed. H. A. A splendid mixture of beautiful large-flowering, fringed and waved Petunias. Will produce 20 to 30 per cent double flowers. Pkt., 25c; 2 pkts., 40c.

1079. ★Giant Trimardeau Mixed. P. An extraordinary strain of Pansy. Very large flowers. Pkt., 10c; 2 pkts., 15c; $\frac{1}{4}$ oz., 80c; $\frac{1}{2}$ oz., \$1.50; 1 oz., \$2.75.

1083. March-Flowering. P. These pansies are very desirable, owing to the extreme hardiness of the plants and their early-flowering habit. Pkt., 15c; 2 pkts., 25c.

OLDS' POPPIES

1120. Olds' Finest Mixed. H. A. A fine blend of many handsome shapes and sizes; many are double and shaped like a ball, in white, pink and red; massive Carnation Poppies and dainty Shirleys. Pkt., 7c.

1121. Improved Carnation. H. A. Splendid large double flowers of many shades. Pkt., 10c; 2 pkts., 15c.

1122. Reselected Shirley. H. A. Silk or Ghost Poppies. Beautiful satiny flowers. Pkt., 10c; 2 pkts., 15c.

1127. Flanders. H. A. Vivid scarlet-red. The first official flower of the American Legion. Very much in demand because of the associations. Pkt., 10c; 2 pkts., 15c.

1128. Iceland Mixed. H. P. Hardy perennials blooming the first season. Bright, fern-like, evergreen foliage. Pkt., 10c; 2 pkts., 15c.

1128½. Red Oriental. H. P. Fine perennial plants 3 feet tall, of rather massive form and bearing bright scarlet flowers 6 inches across. Pkt., 10c; 2 pkts., 15c.

1130. PORTULACA. H. A. Double Mixed. (Rose Moss.) Small fleshy plants, producing a carpet of bloom, even in dry weather. Pkt., 10c; $\frac{1}{4}$ oz., 90c; $\frac{1}{2}$ oz., \$1.50; oz., \$2.50.

1131. ★PORTULACA. H. A. Single Mixed. Even more beautiful than the double. Fine for edging or bedding. Pkt., 10c; $\frac{1}{2}$ oz., 40c; oz., 65c.



OLDS' CHOICE FLOWER SEEDS

OLDS' SNAPDRAGONS

840. **SNAPDEAGON.** H. A. (*Antirrhinum*). Dwarf Mixed. Snapdragons were a feature of the old-fashioned garden. Then for a time they were neglected, until when the improved new varieties appeared, they suddenly became popular again. The brilliant blooms remain through the summer and fall. Pkt., 10c; 2 pkts., 15c.

841. **SNAPDRAGON.** H. A. (*Antirrhinum*). Giant Fragrant. Grows 3 feet tall with long stalks of large flowers, two to three inches across. Pkt., 7c.

843. **SNAPDRAGON.** H. A. (*Antirrhinum*). Pink Beauty. A beautiful rose pink variety. Pkt., 10c.

SNAPDRAGON PLANTS: Dwarf Mixed. Doz., 40c; 50, \$1.25, postpaid.

1145. **SALPIGLOSSIS.** H. A. (Painted Tongue.) A very attractive annual with slender stems bearing lily-shaped flowers veined with gold. Keeps fresh in water a long time. Pkt., 10c.

39. **SCARLET RUNNER BEAN.** T. A. A vigorous climber producing bright, scarlet flowers. Beans are eatable. 2-oz. pkt., 5c.

1165. **SMILAX.** T. P. Delicate climber of glossy green; used in hanging baskets and in bouquets. Pkt., 5c.

1180. **SUNFLOWER.** H. A. Chrysanthemum-flowered. Bright yellow, double flowers, resembling chrysanthemums. Pkt., 5c.

1185. **SUNFLOWER.** H. A. Mammoth Russian. Immense plants 12 feet high with single blossoms from 6 to 15 inches across. Oz., 5c.

1155. **SCABIOSA.** H. A. Double Mixed. (Mourning Bride.) Sometimes called Pincushion. A variety of soft colors and shades. Easy to grow. Makes beautiful bouquets. Pkt., 10c.

1160. **SCHIZANTHUS.** H. A. (Butterfly Flower.) One of the daintiest of annuals and easily grown. Quickly grows into a bushy plant so completely covered with many colored flowers that the foliage is almost concealed. Pkt., 10c; 2 pkts., 15c.

1150. **★SALVIA.** America. H. A. This variety grows 14 inches tall and is the best and most continuous bloomer of all the Salvias. Very uniform in habit of growth, making it ideal for bedding. Pkt., 20c; 2 pkts., 30c.

1152. **SALVIA.** Fireball. H. A. Taller than the America, growing about 18 inches in height with numerous flowering spikes of fiery scarlet. The plant branches freely and side shoots often produce 4 to 5 flowering spikes each. Pkt., 15c; 2 pkts., 25c.

1140. **RICINUS.** H. A. (Castor Bean.) Stateliest ornamental plants 8 to 10 feet tall, with picturesque foliage, giving a tropical effect. Pkt., 10c; ½ oz., 15c; oz., 25c.

1142. **ROSA MULTIFLORA.** P. Dwarf roses from seed. Little bushes covered with miniature fairy roses. Pkt., 10c.

1300. **SWEET WILLIAM.** H. P. Mixed. (*Dianthus Barbatus*) The plants grow 18 to 24 inches high. They make excellent border plants and are fine also for bouquets. Like annual pinks, loved for its brilliant and enduring flowers. Pkt., 10c; 2 pkts., 15c.

1310. **★VINCA.** Periwinkle. (Old Maid.) T. P. A very pretty plant growing about 15 inches in height. Comes from the Island of Madagascar. It forms a very attractive, bushy plant with an abundance of dark, glossy, green foliage and bears a profusion of flowers at the axils of the leaves. The flowers are single, averaging 1½ inches across. It should be treated as an annual. Blooms during the late summer in August from early sown seed. A fine feature of this plant is that it is entirely free from the attacks of insects and can be taken up before frost, potted and put inside where it will continue to bloom during the winter. Pkt., 10c; 2 pkts., 15c.

1315. **WALLFLOWER.** H. H. P. Mixed. Half hardy perennials, bearing spikes of deliciously fragrant spring flowers. The rich red and yellow coloring of the flowers is very effective. They are easily grown and last well as cut flowers. Pkt., 10c.



Snapdragon.

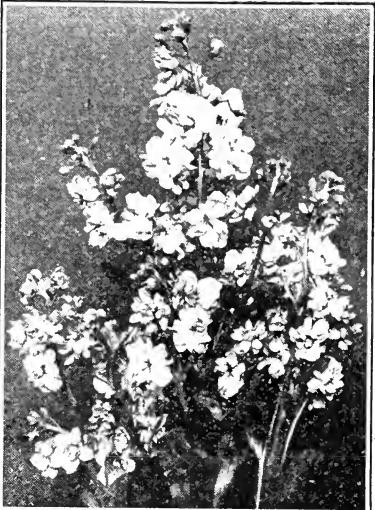
StimUpPlant
Makes a
Wonder Garden



Salvia, Bright Red.



Castor Oil Bean.

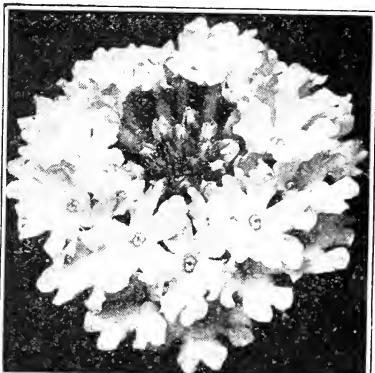


Olds' Large Flowering Stocks.

1172. **STOCKS.** Large Flowering Dwarf Ten Weeks. (Mixed.) The flowers appear on long stiff stalks like small roses. They are exceedingly fragrant and range through all shades of the most delicate colors. Pkt., 10c; 2 pkts., 15c.



**ORDER
EVER GREEN**
to protect your flowers
from insects



Verbena, Golden Queen.

1306. **VERBENA.** Olds' Mammoth Golden Queen. H. A. The Mammoth Golden Queen Verbena is a very clear golden yellow and a decided novelty as far as color goes. No good yellow Verbena has ever been produced before. The flowers are of medium size, borne on a vigorous vine that is of an everbearing nature and a deep clear yellow in color. It is one of the earliest of flowers and continues to develop throughout the growing season. Pkt., 10c; 2 pkts., 15c.

1305. **★VERBENA.** H. A. Olds' Finest Mixed. A favorite old flower. Clusters of many bright colors are borne in constant succession from June until frost. Pkt., 10c.

OLDS' CHOICE FLOWER SEEDS

OLDS' SWEET PEAS

1200. Olds' Prize Mixed. We believe this is the best possible mixture of the old-fashioned sweet scented or grandiflora sweet peas. Many named varieties. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.

1201. Sunrise Mixed. Early-flowering Spencers only. Spencers surpass all other sweet peas—long stems, three to five blossoms on a stem; flowers large, frilled and fragrant. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

1203. Olds' Mixed Giant Spencers. A careful and well-balanced blend of the best named varieties and new seedlings of the beautiful orchid-flowered or Spencer Sweet Peas. Pkt., 7c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75.

OLDS' NEW SPENCER SWEET PEAS.

1211. Austin Frederick Improved. The best new lavender. Pkt., 7c; oz., 20c.

1212. Constance Hinton. The best white sweet pea. Pkt., 10c; oz., 25c.

1213. Defiance. A fine orange scarlet variety. Pkt., 10c; oz., 30c.

1214. Heavenly Blue. A most beautiful soft tone of delphinium blue. Flowers of immense size, four to a stem. Pkt., 15c; oz., 40c.

1215. Mary Pickford. A famous choice new sweet pea that has already created quite a sensation. The color is a dainty cream-pink lightly suffused with salmon. Most charming. Pkt., 10c; oz., 25c.

1216. Matchless. Cream yellow. Large flowers. Pkt., 7c; oz., 20c.

1217. Miss California. Another splendid new variety. Orange salmon with cream pink. Pkt., 10c; oz., 30c.

1218. Royal Purple. Large, wavy flowers of a rich royal purple. The best purple. Pkt., 7c; oz., 20c.

1219. Warrior. Rich chocolate maroon. Pkt., 7c; oz., 20c.

1220. Youth. White, edged in a beautiful way with a delicate soft rose pink. An unusually large and fragrant sweet pea. Pkt., 7c; oz., 20c.

1237. ★Fiery Cross. Glittering orange scarlet. Wonderfully striking and beautiful. Pkt., 10c; oz., 30c.

1235. Royal Scots. The best fiery red Spencer type Sweet Pea. Pkt., 7c; oz., 20c.

SPENCER SWEET PEA COLLECTION.

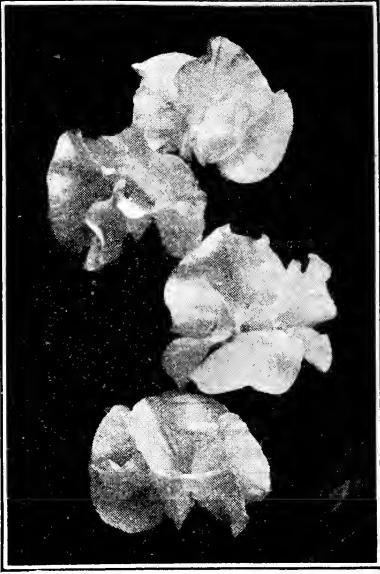
One pkt. each of the above twelve varieties for 75c.

One oz. each of the above twelve varieties for \$2.00.

OLDS' NEW SPENCER DUPLEX SWEET PEAS.

1250. Kitty Pierce. A soft light Lilac Duplex Sweet Pea. Fine for exhibition purposes. Pkt., 15c; 2 pkts., 25c.

1251. Winnie Morse. One of the finest Sweet Peas. Flowers are cream and pink and mostly duplex. Pkt., 15c; 2 pkts., 25c.

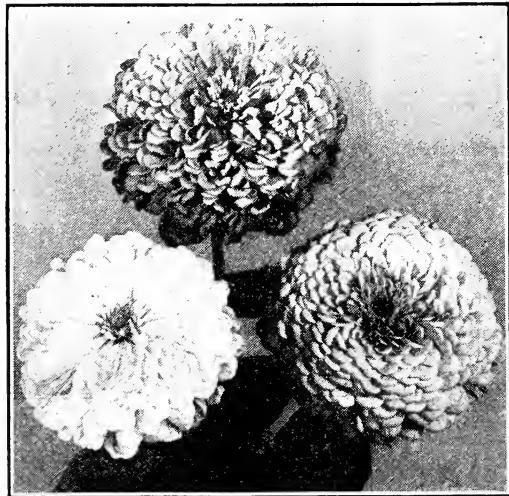


Duplex Sweet Pea, Winnie Morse.

OLDS' ZINNIAS

Zinnias are the most popular annual flower grown today. They have no enemies, insect or fungus and will succeed on any type of soil regardless of weather conditions. If you have room for only one flower in your garden the Zinnia is the one to use.

We list three distinct types of Zinnias—the Dahlia Flowered, California Giant and the Lilliput. The Lilliput is mostly grown for bedding purposes and the Giant and Dahlia Flowered for cutting and exhibition purposes. Their flowers are often 6 to 8 inches across.

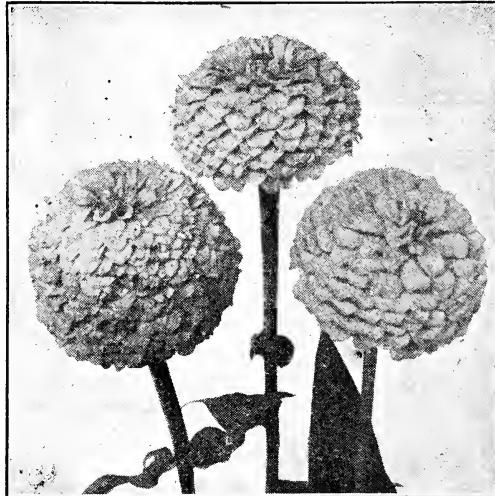


Olds' Gold Medal Dahlia Flowered Zinnias.

1336. Olds' Gold Medal Dahlia Flowered, Mixed. H. A. A new type of Zinnias characterized by large size, fullness of petal, extraordinary color range and good keeping quality. Resembling dahlias in size and appearance. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 80c.

1331. Olds' Dahlia Flowered Zinnia, Crimson Monarch. This truly remarkable deep red Zinnia has proven very popular. If you did not order it last year it should not be overlooked this season.

We consider Crimson Monarch the best red in a Dahlia Flowered Zinnia. Has enormous flowers of the brightest crimson scarlet. Pkt., 15c; 2 pkts., 25c.



Olds' Pompon or Lilliput Zinnia.

1330. Olds' Lilliput or Pompon, Mixed. This variety is exceptionally fine for bedding or planting in borders. The plants are small, forming little bushes which fairly bristle with very double bright flowers, only one to two inches in diameter. Average height, about 12 inches. Will bloom all summer and late in the fall. Wonderfully fine for cut flowers for the house. Pkt., 10c; 2 pkts., 15c.

1335. Giant Flowered Mixed. H. A. A mixture of named California Giant Zinnias, all large, strong-growing and of brilliant color. These grow 3 feet tall, with flowers of enormous size. Healthy, vigorous, showy, easily grown. Pkt., 10c; 2 pkts., 15c; $\frac{1}{2}$ oz., 50c; oz., 90c.

1329. Fire King. H. A. A magnificent variety with deep scarlet flowers. Pkt., 10c; 2 pkts., 15c.

Zinnia Plants, Dahlia Flowered. 40c doz.; 50 for \$1.25.

OLDS' BEAUTIFUL GLADIOLI

Gladioli are generally recognized as the most beautiful and popular of all summer flowering bulbs. They are of very easy culture and well suited for garden as well as cut flower purposes.

Olds' Gladiolus Bulbs are all first size, high crowned, Semesan-treated bulbs and are of exceptionally fine quality. If you are in the market for large quantities of Gladiolus bulbs write us your requirements as we will be glad to quote you special prices.



Crimson Glow Gladiolus.

RED SHADES.

CRIMSON GLOW. The name is the best description of its color. It has straight spikes of many flowers, which open 4 or 5 at once. This habit makes it a wonder variety for cut flowers. We consider this the best red variety. Each, 10c; 3 for 20c; 6 for 37c; 12 for 65c, postpaid.

PFITZER'S TRIUMPH. A prize winner. One of the largest and finest varieties. The flowers often measure 6 inches across. Bright salmon orange with small velvet red blotches. Each, 35c; 3 for 90c; 12 for \$3.00, postpaid.

WAR. Giant blood-red, shading to crimson black in throat, but without other markings. Each, 10c; 3 for 28c; 6 for 50c; 12 for 95c; 25 for \$1.75.

MRS. FRANCIS KING. A distinctive shade of flame red especially beautiful under artificial light. Next to America, the leading decorative variety in the florist trade. Each, 7c; 6 for 30c; 12 for 50c; 25 for 85c; 100 for \$3.10, postpaid.

PURPLE GLORY. This is not a true purple color as the name implies, but a rich, velvety maroon, exceedingly ruffled. It is perhaps the most beautiful dark variety of Gladiolus in culture today. Each, 20c; 3 for 50c; 6 for 90c, postpaid.

AMERICAN BEAUTY. (Dieners.) Brilliant American Beauty color, throat yellow, striped with ruby. The spikes bear a large number of flowers at one time, which are set close together forming an immense and magnificent bouquet. Bulbs, each, 15c; 3 for 35c; 6 for 60c, postpaid.

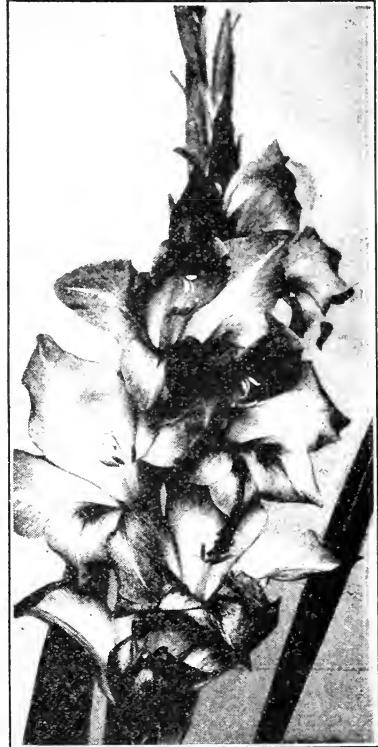


E. J. Shaylor Gladiolus.

E. J. SHAYLOR. Deep rose-pink to rose color. Outer edges and buds show a distinct rose color with throat of lower petals delicately penciled rose-red. This is undoubtedly one of the best Gladioli ever introduced. It is very popular as a cut flower, is a good propagator and a vigorous grower; fine form and very pleasing in color. Each, 10c; 3 for 25c; 6 for 40c, postpaid.

TREAT BEFORE PLANTING WITH
SEMESEN

FOR DISEASE PROTECTION



Eugene Le Febvre Gladiolus.

EUGENE LE FEBRE GLADIOLUS. A wonderful large French Gladiolus. Deep pink with throat dotted purplish-amaranthus and cream. A most beautiful variety. Each, 20c; 3 for 50c; 6 for 90c, postpaid.

MRS. FRANK PENDLETON. One of the most exquisitely-colored kinds on our entire list. Very large flowers of delicate pink contrasting finely with the great splash of vivid scarlet on the lower petals. Each, 10c; 3 for 25c; 6 for 40c; 12 for 70c, postpaid.

MRS. LEON DOUGLAS. Begonia rose, delicately striped flame and scarlet, lip pale lemon speckled with ruby. Tremendously large flowers, many open at a time. Very tall, often growing 5 to 6 feet high. Considered the largest Gladiolus in existence and wonderfully beautiful. Each, 15c; 3 for 35c; 6 for 60c, postpaid.

W. H. PHIPPS. Each spike a bouquet. La France pink, overlaid with light rose salmon, lighter toward center. Lower petals are very faintly striped and speckled with ruby. Flowers enormous; a masterpiece in Gladioli. Each, 20c; 3 for 50c; 6 for 85c, postpaid.

ROSE ASH. Peculiar soft smoky old rose tones fading to ashes of roses on the outer edges of petals; lower petals light yellow speckled with ruby; finely fluted and ruffled. Wonderful in form and color.

Flowers 5 inches in diameter, very strong spikes 5 to 6 feet high. A magnetic flower that always attracts the eye. Each, 10c; 3 for 25c; 6 for 45c; 12 for 80c, postpaid.

OLDS' BEAUTIFUL GLADIOLI

SALMON PINK SHADES.

PRINCE OF WALES. Large well-opened flowers of clearest salmon but with old-ivory throat, delicately flushed with salmon-rose. The stalks take up water well, the buds unfold to the very tips and many are open at one time.

In season it is very early, blooming with Panama and Halley. We cannot speak too highly of this fine Gladiolus. Each, 8c; 3 for 20c; 6 for 37c; 12 for 65c, postpaid.

HALLEY. Salmon-pink with carmine - marked yellow throat; 4½-inch blooms. Very early. Each, 7c; 3 for 18c; 6 for 30c; 12 for 50c; 25 for 95c, postpaid.

LAVENDER SHADES.

ANNA EBERIUS. A dark velvety purple, shading to a darker throat. A wonderful spike of close set flowers, which are large and open, forming an immense bouquet. Each, 10c; 3 for 25c; 6 for 45c; 12 for 80c.

CAPTAIN BOYNTON. The finest lavender in existence with darker colored spots on the lower petals. Flowers are large and well placed on the stems. Each, 15c; 3 for 35c; 6 for 60c, postpaid.

MRS. F. C. PETERS. A beautiful shade of rose-lilac with soft crimson blotch; slightful ruffled with many open at one time; tall, vigorous and very fine. Each, 10c; 3 for 25c; 6 for 45c; 12 for 80c, postpaid.

LOUISE. Here is a real beauty. Fine bright bluish lavender with a wine-colored blotch on lower petals. A sturdy grower with magnificent wide open flowers. Each, 15c; 3 for 35c; 6 for 60c.

ROYAL LAVENDER. Deep lavender shading lighter toward the center, heavy penciling of a darker shade on lower petals. Grows four feet high with 14 to 20 buds, 4 to 7 large flowers open at a time. A beautiful distinct shade of lavender that everyone likes. The finest commercial dark lavender in existence. Each, 30c; 3 for 75c, postpaid.



Golden Dream.

YELLOW SHADES.

GOLDEN DREAM. Very beautiful; absolutely clear deep yet soft yellow that is distinctive from any other. A tall, straight, strong growing plant with several good-sized blooms open at a time. Each, 20c; 3 for 50c; 6 for 90c, postpaid.

GOLDEN MEASURE. Very large, dark golden yellow. One of the very best yellow Gladioli. Each, 15c; 3 for 35c.

SCHWABEN. The largest-flowered yellow gladiolus. It opens as a pure canary yellow shading to sulphur. The throat, of brightest gold color, is marked with a small, deeply set spot of brownish maroon. Each, 7c; 6 for 35c; 12 for 60c; 100 for \$1.00, postpaid.



Gator Hide Mulch Paper Used on Gladioli Produces Larger Flowers and More of Them. Compare the Mulched Glads on the Right with the Unmulched on the Left. See Page 39 for Prices and Further Information.



Olds' Special Superb Gladiolus Mixture.

OLDS' SUPERB MIXTURE. The Gladioli in this mixture are of many colors, including most of our named varieties together with many new seedlings. Our bulbs are all of number one size, measuring 1½ inches or over in diameter. For the market gardener or commercial flower grower this is a very fine assortment to use as the price of the bulbs is exceptionally low and the cut flowers can be sold for just as much as those of the named varieties.

A planting of Olds' Superb Mixture will make a wonderfully showy display in the garden. 6 for 25c; 12 for 40c; 25 for 75c; 100 for \$2.00, postpaid.—Not postpaid, \$12.00 per 1,000. (500 at the 1,000 rate.)

WHITE.

MRS. F. C. HORNBERGER. The best white variety. Large white with no markings. Several flowers open at one time. A choice exhibition variety. Each, 30c; 3 for 75c; 6 for \$1.40, postpaid.

Olds' BARGAIN COLLECTION OF GLADIOLI

18 BULBS FOR 70c, POSTPAID.

We offer 3 bulbs each of the following Gladioli, each wrapped and labeled, for 70c, postpaid. An exceptional bargain offer.

AMERICA. Soft pink.

LE MARECHAL FOCH. Rose pink.

SCHWABEN. Canary yellow.

ANNA EBERIUS. Purple.

ROSE ASH. A smoky rose.

WAR. Blood red.

6 Bulbs of each variety for \$1.30, postpaid.

OLDS' PRIZE WINNER COLLECTION 10 BEAUTIFUL GLADIOLUS BULBS FOR 85 CENTS, POSTPAID.

We offer one bulb each of the following gladioli, each properly wrapped and labeled, for 85c, postpaid.

These are all outstanding varieties and the cream of our entire list. We have named this the "Prize Winner Collection," as all of these varieties are prize winners.

Purple Glory—Deep maroon.

Mrs. Leon Douglas—Begonia rose.

E. Le Febvre—Deep pink and purplish amaranth.

W. H. Phipps—LaFrance pink and salmon.

Golden Dream—Deep soft yellow.

Captain Boynton—Lavender.

F. C. Hornberger—Pure white.

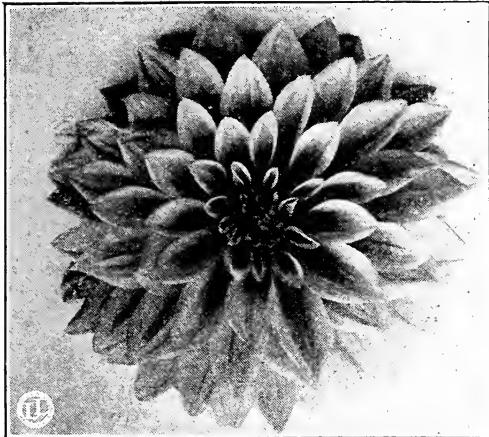
Crimson Glow—Crimson.

Giant Nymph—LaFrance pink.

Fitzter's Triumph—Bright salmon orange.

OLDS' NEW AND RARE DAHLIAS

THE CREAM OF THE DAHLIA WORLD



Somerset.

SOMERSET. A very large decorative type. Borne on fine stiff stems. The color is a blending of salmon and old rose with occasional touches of lavender. A healthy and vigorous grower. Each, \$1.00; 3 for \$2.75, postpaid.

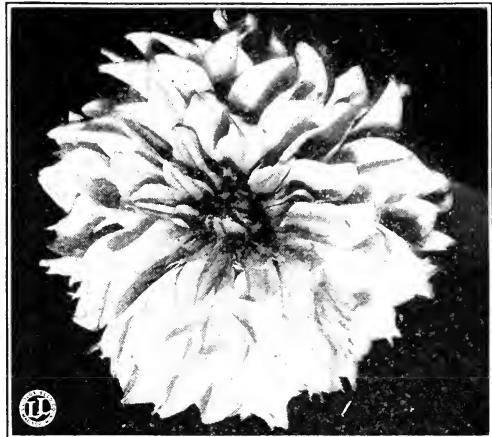
JACQUES FUTRELLE. (Decorative.) The flowers are of immense size on good strong erect stems well above the foliage. Color is a very attractive shade of light greenish yellow. The most showy of the yellow shades ever introduced. The base of every petal has a light clear yellow filigree petal which makes the flower very full like a chrysanthemum. This flower is named after the novel writer who was lost at sea on the Titanic. Each, \$1.00; 3 for \$2.75, postpaid.

BASHFUL GIANT. (Decorative.) This is one of the largest Dahlias ever introduced. Because of its large size the flower tilts giving it the appropriate name. It is of great merit because of its beautiful color, an apricot with gold shadings. Each, 50c; 3 for \$1.30, postpaid.

PRIDE OF CALIFORNIA. (Decorative.) Called "American Beauty Dahlia." Winner of many gold and silver medals. Huge crimson-red flowers produced on long straight stems. Each, 40c; 3 for \$1.05, postpaid.

SOUVENIR DE GUSTAVE DOAZON. (Decorative Type.) Orange red. The largest dahlia in existence. The color is a pleasing shade of orange-red. Flowers are full to the center and often measure 9 inches and over in diameter; they can be forced to measure over 12 inches. Very long stems of pleasing, stiff, upright type. Should be in every garden. Each, 20c; 3 for 50c; 6 for 85c, postpaid.

JERSEY BEAUTY. (Decorative.) One of the finest Dahlias that we know of. A beautiful shade of pink that can hardly be described in words. The flowers are large and carried high above the foliage on long wiry stems. A wonderful keeper and excellent for exhibition or commercial purposes. This variety has been awarded so many prizes and medals that it is almost impossible to enumerate them. Each, 50c; 3 for \$1.30; 6 for \$2.25.



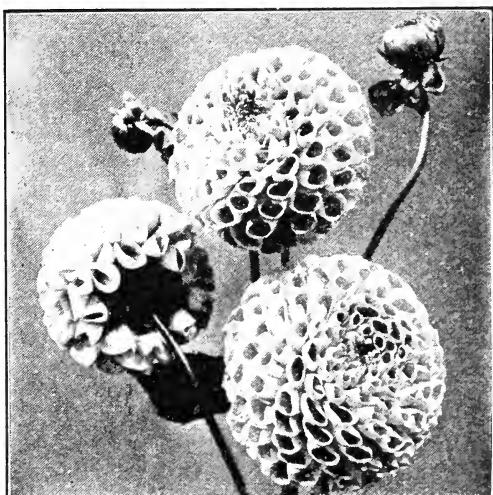
Mrs. I. De Ver Warner.

MRS. I. DE VER WARNER. (Decorative.) Deep mauve pink. One of the very best dahlias grown. Long stiff stems and excellent for cut flowers. Flowers often measure 10 inches across. Each, 50c; 3 for \$1.30, postpaid.

JANE COWL. A massive decorative; color glistening bronze-buff and old gold. Flowers measure 10 inches across. A stem of unusual strength holds the giant flower erect over a plant of ideal growth. Each, \$1.00; 3 for \$2.50, postpaid.

IDA PERKINS. (Decorative.) Beautiful white, heavy flowers with cream-colored center. A very strong grower with exceedingly long stems. Flowers measure 8 inches across. Bushes about 5 feet high. Each, \$1.00; 3 for \$2.50, postpaid.

GILDA GRAY. (Decorative.) This is a flower of lilac color shading to deep Tyrian rose towards the center giving it the effect of great depth. Slender but stiff stems. Each, \$1.00; 3 for \$2.50, postpaid.



A. D. Livoni.

A. D. LIVONI. (Show Type.) Although new varieties are being introduced each year Livoni is one of the old time-tried varieties that stays. The perfect flowers with quilled petals, which nearly overlap at the ends, have made this variety a great favorite. The color is rose-pink. Each, 25c; 3 for 60c; 6 for \$1.10, postpaid.



OLDS' FINEST MIXED DAHLIAS. A mixture of choice named varieties showing every shape, size and color to be found in Dahlias. 3 for 25c; 6 for 45c; 12 for 80c; 50 for \$3.10, postpaid.

OLDS' CANNAS



Canna, The President.

CINNAMON VINE.

A quick growing hardy climber, with glossy heart-shaped leaves and fragrant flowers. For best effect, plant in groups of three. Each, 15c; 3 for 30c; 12 for 90c; 25 for \$1.70, postpaid.

TUBEROSE.

The sweetest scented flower that grows and altogether one of the most charming.

DWARF PEARL. Large, double wax-like flowers of purest white; orange-blossom fragrance. Each, 10c; 3 for 25c; 6 for 45c; 12 for 80c, postpaid.

MEXICAN. Snow-white single flowers, delightfully

Five GRAND CANNAS That Stand Above All Others.

THE PRESIDENT. Four feet. This immense new flaming scarlet has come into wider use more quickly than any other Canna. It is an offspring of the famous Firebird. The President leads the red varieties in the quality and also the quantity of its bloom. Flowers are 7 inches across; individual petals firm and long-standing; trusses standing up stiff on strong stems. The foliage is rich green and burn-proof in the hottest weather. Bulbs, 15c each; 12 for \$1.50, postpaid.

KING HUMBERT. Red. This remarkable Gold Medal Canna has been the sensation of the past ten years and is a great favorite today. It is a cross between the orchid-flowering and the French, or Crozy type, combining the large flowers of the one with the free-blooming character of the other, with handsome, broad, tropical foliage. Scarlet flowers; bronze leaves. Each, 15c; 12 for \$1.50, postpaid.

YELLOW KING HUMBERT. Four feet. An orchid-flowering sort of the well-known King Humbert. Has the same habit of growth as its parent; foliage very dark green, with flowers measuring 5 to 7 inches across; individual petals measuring 3 to 3½ inches in diameter. Flower a deep rich yellow, softly spotted and blotched with bright red. Some plants occasionally give a scarlet or scarlet striped flower, which we consider an improvement rather than an objection. Each, 15c; 12 for \$1.50, postpaid.

MRS. ALFRED CONARD. Four feet. One of the very best Cannas in commerce today. The large, exquisitely shaded salmon-pink flowers are produced in great abundance on robust, upright stalks. We consider this superior to all other pink Cannas. Each, 20c; 12 for \$1.95, postpaid.

APRICOT. Four feet. The color is a buff-yellow base over-spread with salmon-pink, making a mass effect of rich apricot. The chief characteristic of this flower is its marvelous durability, for it stands heavy rain and hot sun better than any other Canna we know of. We recommend it highly. Each, 20c; 12 for \$1.95.

One bulb each of above five Cannas for 55c, postpaid.
25 bulbs, your choice of above Cannas, \$2.75, postpaid.

fragrant. Begins to bloom much earlier than the Dwarf Pearl. Each, 10c; 3 for 25c; 6 for 40c; 12 for 75c, postpaid.

FALL BULBS.

Tulips, Crocuses, Hyacinths, Muscari, Snowdrops, Scillas and Narcissi, also Peonies should be planted in the fall. These are the first flowers to bloom in the spring, and should have a place in every flower garden. They offer a pleasing assortment of color and warmth when the rest of the landscape is bare. Olds' Fall Catalog will be ready about August 1st and will be sent free on request. Just note this on your order and a copy will be sent.

OLDS' IRIS

MOTHER OF PEARL. Pale bluish-lavender, with a faint creamy undertone. The creamy undertone often assumes the luster and iridescence which we see in the beautiful lining of sea shells which produce mother of pearl. The plant is tall, a vigorous grower, and a profuse bloomer. Each, 40c; 3 for \$1.00, postpaid.

CAPRICE. Rosy-red shading to white at the center. Each, 25c; 3 for 65c, postpaid.

MONSIGNOR. Rich satiny violet and purple crimson; large. Each, 30c; 3 for 80c, postpaid.

MADAM CHEREAU. Pure-white flowers bordered and laced with brightest blue. Each, 25c; 3 for 70c, postpaid.

LOHENGREN. A rare and attractive shade of mauve pink, blending well with Madam Chereau when the two are set together. Each, 25c; 3 for 65c, postpaid.

RHEIN NIXE. A charming Iris. Rich raspberry purple and white. Each, 25c; 3 for 65c, postpaid.

OLDS' SUNBEAM IRIS COLLECTION

Six Choice Iris Roots for \$1.15, postpaid.

Olds' Sunbeam Iris Collection consists of one bulb each of the following varieties separately packed and labeled:

- Mother of Pearl. Pale bluish lavender.
- Madam Chereau. Pure white, laced with blue.
- Lohengrin. Mauve pink.
- Caprice. Rosy red.
- Rhein Nixe. Raspberry purple and white.
- Sherwin Wright. Golden yellow.

OLDS' MIXED IRIS

Iris roots usually sell at from 20 to 50 cents each. We offer Olds' Mixed Iris, first size and first quality as follows: 3 for 25c; 6 for 50c; 12 for 75c, postpaid. Not prepaid: 50 for \$2.00; 100 for \$3.75.



Sherwin Wright Iris.

SHERWIN WRIGHT. A golden yellow Iris, without markings or shadings. Each, 20c; 3 for 45c, postpaid.

OLDS' HARDY FLOWERING PLANTS

Olds' Northern Grown Hardy Perennials are all two to three years old, field grown plants and should not be confused with the small one-year seedlings which are so often offered. Perennials should be used for permanent plantings in beds and borders. When once established they will produce an abundance of flowers for years to come with practically no attention. We have arranged our perennials in three groups, **Early, Summer and Late**. When selecting plants be sure to include some from each of these groups so as to have a succession of flowers throughout the season. For foundation plantings and borders keep the tall growing varieties at the back. Ask for Wisconsin Bulletin No. 212 "Outdoor Flowers for the Home."

We are quoting prices in groups of three as well as single plants. It really takes three plants of a kind to make a showing the first year. All prices are postpaid prices. For Rock and Alpine plants see inside back cover.

OLDS' EARLY BLOOMING PERENNIALS



Spectabile Lady Slipper.

CYPRIPEDIUM.

No orchid is more beautiful than our native varieties of Lady Slipper or Cypripedium. Especially effective planted in partial shade in combination with native ferns.

SPECTABILE. (Showy Lady Slipper.) This is the finest and most showy of all orchids. It grows up to 2 feet high, bearing along the stalks several rather roundish leaves, and on top one or two quite large rose-purplish or magenta and white flowers. Does exceedingly well in a moist and partially shaded bed of peat or leaf loam. Nothing can be more charming than masses of this beautiful orchid. Each, 35c; 3 for 85c, postpaid.

PUBESCENS. (Yellow Lady Slipper.) Does well in any rich, partly shaded location. Yellow slipper and brown-purple petals. May and early June. This is the easiest to grow of the Lady Slippers. Each, 35c; 3 for 85c.

ARTEMESIA. (Silver King.) Valuable for the silvery effect of the foliage, especially when combined with plants or cut flowers of a delicate shade. The branches may be cut and used fresh with cut flowers or dried and used with fresh flowers during the winter. Height, 2 to 3 feet. Each, 30c; 3 for 75c; \$2.50 per dozen.

YUCCA. (Adam's Needle). *Filamentosa*. The swordlike foliage is very attractive. Well established plants give spikes of white, lily-like flowers. Height, 3 to 4 feet. Each, 35c; 3 for 85c.

Peat Moss should be used for mulching plants. It will protect them from frost heaving, improve the soil, and keep the weeds down. See page 94.

HARDY FERNS.

We offer five-year-old plants direct from the far North where they grow very large and withstand any temperature. Prices, all of the Hardy Ferns. Each, 25c; 3 for 65c; \$1.75 per dozen, postpaid.

OSTRICH PLUME or PALM OF THE NORTH. This is a fine variety. Grows faster than any other fern. It often has as many as fifteen fronds, and usually attains a height of four feet; beautiful cinnamon shade. This variety does well in the open or in dry, shady places.

LADY FERN. A large, handsome fern of the woods, presenting many varied forms. Smaller and of finer foliage than the Ostrich Plume.

FLOWERING FERN. This is clothed with loose wool, when unfolding its fronds. Usually grows four feet high or more; a beautiful cinnamon shade. This variety also does well in the open or dry, shady places.

COLLECTION OF FERNS. One each of the above ferns for 65c or three each for \$1.50, postpaid.

BLEEDING HEART. Long drooping racemes of heart-shaped flowers. Each, 70c; 3 for \$2.00, postpaid.

HEUCHERA SANGUINEA. (Coral-bells). Beautiful plants for front row of borders, with slender, fairy-like spikes of richly colored flowers; most striking in the garden and light and graceful for cutting. 12 to 18 inches. June to September. Flowers bright crimson; very free-flowering. Excellent for rock garden. Each, 35c; 3 for 85c.

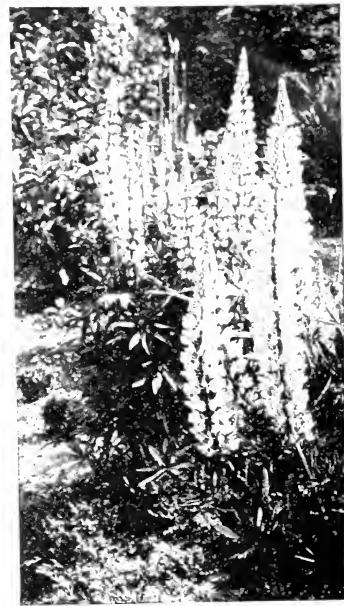
LINUM. (Flax.) **Perenne Blue.** During the late spring and early summer a group of these will be a mass of blue in the morning, the flowers drooping about ten o'clock, revealing the beautiful foliage, to be followed by another mass of blue the next morning. For the border or rockery. Height, 2 feet. Each, 30c; 3 for 75c

PYRETHRUM. (Roseum.) The fernlike foliage is attractive and the flowers ranging from pure white through shades of pink are beautiful on the plant, also as cut flowers. 20 to 24 inches tall. Each, 30c; 3 for 75c, postpaid.

MERTENSIA. (Virginia Cowslip). One of the earliest of spring wild flowers. The bluish-green shoots and leaves are quickly followed by delicate pink buds and beautiful bell-shaped light blue flowers. Leaves disappear entirely for the rest of the year after flowering season, so it is well to plant it in connection with a bed of ferns. Each, 20c; 6 for \$1.00.

POPPY. (Red Oriental.) In 2½-inch pots. For a dazzling display of rich and brilliant coloring, no other flower can equal the vivid orange scarlets of the Oriental Poppies. Easily established and perfectly hardy. 36 inches in height. Each, 30c; 3 for 75c.

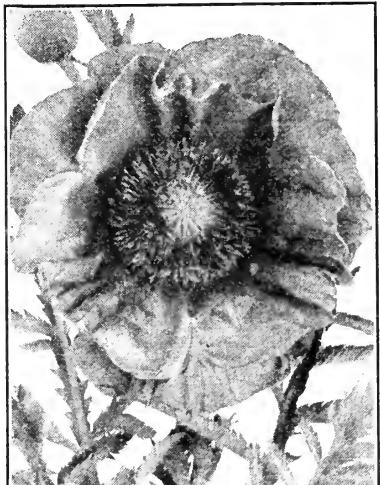
POPPY. (Mrs. Perry.) In 2½-inch pots. Like the red poppy in growth but a beautiful salmon in color. Each, 35c; 3 for 85c.



Lupines.

LUPINUS. (Washington Lupine.) Lupines seem to prefer a somewhat acid soil, either in the open or light shade. They are particularly effective in mass plantings in the border, or naturalized along streams, or open woodlands. June, July, 2-3 ft. Mixed hybrids of blue, white and rose. Each, 25c; 3 for 65c.

ROCK and ALPINE PLANTS. (See inside back cover.)



Red Oriental Poppy.

OLDS' HARDY FLOWERING PLANTS

SUMMER BLOOMING PERENNIALS

AQUILEGIA. (Long Spurred Hybrids.) One of the most graceful and dainty of hardy perennials. The long-spurred flowers show shades of blue, mauve, cream, pink, red and yellow in a charming series of color blends. Well-rooted plants in mixed colors only. Each, 30c; 3 for 75c.

COREOPSIS. Sometimes called Yellow Daisy. Borne on numerous stems in great profusion nearly all summer. Each, 25c; 3 for 60c.

CLOVE PINKS. Perfectly hardy and flowering continuously from spring until late fall if the flowers are removed when they begin to fade. Their spicy fragrance rivals their brilliant colors, varying from pure white to the richest crimson, many being beautifully striped and laced. Each, 30c; 3 for 75c.

CANTERBURY BELLS. Biennial. Great pillars of bloom in rose-pink, blue and white. Mixed colors only. Each, 25c; 3 for 70c; 12 for \$2.25.

DAISY. Shasta. Burbank's great introduction. White flowers. 4 to 5 inches across. Each, 25c; 3 for 60c.

DAY LILY. Tawny. These well known flowers are among the more popular perennials. The large trumpet shaped flowers of coppery-orange, shaded red, are carried on stems three or four feet tall, blooming profusely in July. Each, 25c; 3 for 60c; 12 for \$2.00.

GOLD DUST LILY. Large, clear yellow flowers blooming in June. Each, 25c; 3 for 60c; 12 for \$2.00.

Note. Orders for Japanese Lilies will be sent up to May 1st. After that date orders will be held for shipment in the fall.

LILIUM AURATUM. (Gold banded Japanese Lily.) Immense flowers of wonderful fragrance are produced from June to October. A clear golden band runs through the center of each pure white flower which is thickly studded with crimson spots. 45c each; 3 for \$1.20.

LILIUM REGAL. (Jap Lily.) This extremely popular hardy garden lily possesses unusually beautiful coloring. Flowers are white with tinges of yellow and pink; Canary yellow throat shading to pink. 40c each; 3 for \$1.05.

LILIUM ROSEUM. (Rose Jap Lily.) One of the old garden favorites that blooms during August and September. Flowers are soft rose spotted crimson and mottled white. 45c each; 3 for \$1.20.

DELPHINIUM. Hollyhock Strain. The largest and showiest of all Delphiniums. More beautiful than the Gold Medal but not as hardy. Our supply is limited this season. Each, 50c; 3 for \$1.25.

DELPHINIUM. Gold Medal Hybrid. (Larkspur.) Perhaps the most beautiful hardy plant in cultivation. Great pillars of bloom, sometimes 8 feet tall, of every shade of blue, and increasing in size and beauty yearly. Each, 30c; 3 for 75c.

DELPHINIUM. Belladonna. Sky blue. A continual bloomer. Each, 30c; 3 for 75c.

DELPHINIUM. English Hybrids. Very rare and beautiful. Each, 35c; 3 for 85c.

GYPSOPHILA, OR BABY'S BREATH. *Paniculata Compacta.* When in bloom in August and September, it forms a symmetrical mass 2 to 3 feet in height and the same in diameter, of minute white flowers having a beautiful gauze-like appearance. Can be dried for winter. Each, 30c; 3 for 75c.

GAILLARDIA. (Blanket Flower.) One of the most satisfactory of tall hardy perennials. The large brown center is surrounded by petals marked with concentric rings of brilliant crimson, scarlet, orange and vermillion. One of the few perennials which is always in blossom. 2 to 3 feet in height. Each, 25c; 3 for 60c.

HOLLYHOCKS. Mixed. These stately old-time favorites, full of sentiment and beauty, bear large, perfectly-formed flowers in many lovely colors and shades. 20c each; 3 for 50c; \$1.75 per dozen.

OLDS' LATE BLOOMING PERENNIALS

HARDY CHRYSANTHEMUMS

HARDY CHRYSANTHEMUMS are very satisfactory in the protected border. They bloom late in the fall when most plants are through blooming. Better results will be obtained if the old plants are divided and reset each spring. Plants from 2½-inch pots. Each, 25c; 3 for 65c.

LARGE FLOWERING VARIETIES

BUTTON VARIETIES

NELLIE RAINFORD—Light pink.

JULIA MILLER—Bronze.

JAPANESE YELLOW—Very good early yellow.

OCONTO—White.

BUTTON VARIETIES

AUTUMN GLOW—Light pink.

GOLDEN WEST—Yellow.

CHINESE LANTERN PLANT. Grown for the orange-scarlet lantern-like fruits that are gathered in the fall and used as winter decorations. Strong plants. Each, 30c; 3 for 75c.

FUNKIA. (Plaintillity.) Lanceolata. Lilac flowers blooming in September. 18 to 24 inches in height. Each, 35c; 3 for 90c.

OLDS' HARDY PHLOX

MISS LINGARD.

White with faint lilac eye. Free-blooming May to October. Choice plants. Each, 30c; 3 for 80c.

R. P. STRUTHERS.

A smooth blending of rosy-carmine with salmon. Darker eye. Fine large truss. Our best seller. Each, 25c; 3 for 60c.

SIEBOLD.

Orange scarlet with red eye. Very fine. Each, 30c; 3 for 75c.

R. HEINLANDER.

A salmon pink with red eye. Each, 25c; 3 for 60c.

MRS. JENKINS.

A pure white. Each, 25c; 3 for 60c.

BARON VON DEDEME.

The best bright scarlet. Each, 25c; 3 for 60c.



Bridesmaid Phlox.

BRIDESMAID. Tall white with crimson eye. Each, 25c; 3 for 60c.

UNIVERSITY OF WISCONSIN. Rosy magenta. A strong grower. Each, 35c; 3 for 85c.

WIDAR. Dark violet, tinted red with a white eye. A very beautiful and striking combination of colors. Each, 30c; 3 for 75c.

MIXED PHLOX. An assortment of many good varieties in mixed colors. Specially fine for landscape or foundation plantings. 3 for 40c; 6 for 75c; 25 for \$2.75.

PENTSTEMON. (Beard Tongue.) *Barbatus Torreyi.* Tall spikes of brilliant scarlet flowers that make a striking appearance in the border from June to August. Grows to a height of 3 to 4 feet. The cut flowers give a distinct and pleasing effect when used for decorative purposes. Each, 25c; 3 for 65c.

VALERIANA. (Garden Heliotrope.) *Officinalis.* Showy heads of white flowers. Strong, sweet scent. 10 inches high. Each, 30c; 3 for 75c.

VIOLA. ★*Jersey Gem.* One of the best of the new introductions. We believe that this is the finest violet in cultivation. Wonderful to use in Rock Gardens or in the border. It grows about six inches high and shows a continuous bloom of vivid purple from early summer until frost. The plants are literally covered with huge violets measuring better than an inch in diameter. Each, 35c; 3 for 85c.

VIOLA. *Lutea.* Very similar to Jersey Gem but with Golden Yellow flowers. The plant is literally covered with bloom from mid-season until frost. Each, 30c; 3 for 75c.

BUILD A ROCK GARDEN

See inside back cover for diagrams

HARDY CHRYSANTHEMUMS

RUDEBECKIA. *Purpurea.* (Purple Cone Flower.) Grows 3 to 4 feet high. August and September. Large, striking, pinkish-purple flowers. Also known as Echinacea Purpurea. Each, 25c; 3 for 60c.

DAISY. Giant. Great white daisies on swaying 4 foot stems. Each, 30c; 3 for 75c.

STATICE. *Latifolia.* (Lavender Baby's Breath.) Large flat heads of tiny purplish-pink flowers. May be dried and kept for months. Blooms in August and September. Grows 18 to 24 inches. Each, 30c; 3 for 75c.

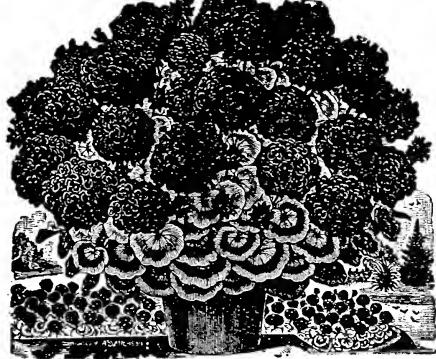
SEDUM. Spectable. Growth from 12 to 18 inches high. Useful in rockery, and valuable in the perennial border for the foliage is pleasing during the summer and the large flat heads of pink flowers are showy in September. Will do well in the sun or shade. Each, 30c; 3 for 75c.

VERONICA. *Longifolia Subsessilis.* (Japanese Speed-well.) Dense spikes of deep blue flowers. A very good perennial for the hardy border. 18 to 24 inches in height. Each, 35c; 3 for 85c.

OLDS' HOUSE PLANTS

All plants offered on this and the following page will be sent direct from our growing station in Ohio and not from Madison. We guarantee choice plants. All prices include postage.

DOUBLE BEDDING GERANIUMS.



Double Flowering Geranium (Radio Red).

UMBRELLA PLANT.

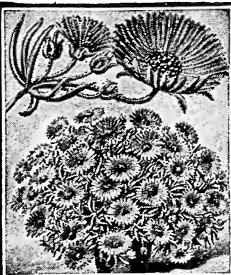
Stems about two feet high, surmounted with a whorl of leaves. Indispensable for aquariums, fountains, etc. March until mid-summer. 25c each; 3 for 58c.



Christmas Cactus.

CHRISTMAS CACTUS. An early-flowering crimson-scarlet variety, with long drooping flowers. 41c each; 3 for \$1.18.

WAX PLANT.
(Desert Plant.)
Mesembryanthemum. Suitable for hanging baskets; also for a pot plant. Beautiful pink flowers. 22c each; 3 for 63c.



Pink Wax Plant.

BEDDING LANTANAS.

MICHAEL SCHMIDT. Brilliant yellow passing to pure vermillion. 25c each; 3 for 72c; 12 for \$2.50.

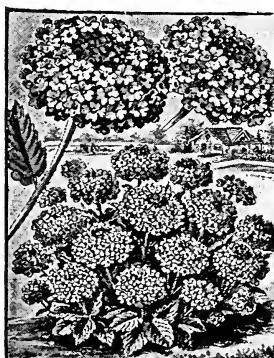
RADIATION. Crimson changing to yellow at center. 25c each; 3 for 72c; 12 for \$2.50.

TETHYS. New beautiful lemon yellow. 29c each; 3 for 84c; 12 for \$2.90.

ALBA PERFECTA. Pure white, compact habit. 25c each; 3 for 72c; 12 for \$2.50.

STRAWBERRY GERANIUM.

SAXIFRAGA SARMENTOSA. Leaves striped with silver bands; blooms white. Adapted for hanging baskets, vases, etc. 22c each; 3 for 63c.



Bedding Lantanas.

RADIO RED. Bright dazzling scarlet blooms. The finest and most beautiful red offered in many years. 2½ each; 3 for 69c; doz., \$2.40.

BUCHNER. Flowers purest white and very large. 22c each; 3 for 63c; doz., \$2.20.

DUCHESS DE MONTMORT. Trusses of enormous size; color brilliant purple, nearest blue Geranium. 25c each; 3 for 72c; doz., \$2.50.

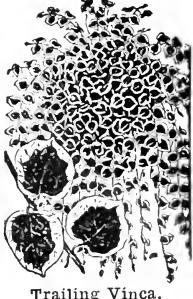
BEAUTE POITEVINE. Rich salmon pink. 23c each; 3 for 66c; doz., \$2.30.

AROSA. Shrimp pink shading to white. 23c each; 3 for 66c; doz., \$2.30.

JEAN OBERLE. Peach pink graduating to white. 23c each; 3 for 66c; doz., \$2.30.

OLEANDER. ROSEA-PINK.

An old favorite; flowers pink, double and sweet. 25c each; 3 for 72c.



Trailing Vinca.

TRAILING VINCA. The leaves of this beautiful plant are a glossy green, broadly margined a creamy white; flowers blue. Admirably adapted for hanging baskets. 16c each; 3 for 46c. Larger size, 29c each.

JAPANESE RUBBER PLANT.

CRASSULA. (Tree Echeveria.) Leaves distinct bright green, thick and waxy-like. Excellent for window or table. Sturdy, upright. 32c each; 3 for 92c.



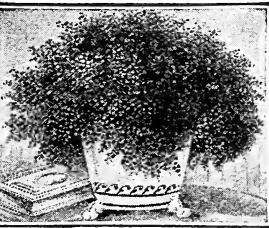
B A B Y SAPPHIRE. Trailing plant.

TEARS. (Irish Sapphire blue Moss.) (Helxine.) A compact, dense growing plant with miniature leaves, similar to a fine moss.

A most attractive plant for cool, damp corners out of doors. Likes a good, loamy soil.

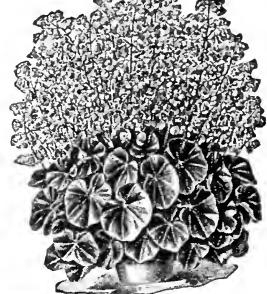
Nice plants. 27c each; 3 for 78c; doz., \$2.70.

Larger size, 42c each.



Baby Tears.

G I A N T PAINTED LEAF BEGONIA. (Begonia, King or Rex.) In no other class of plants do we find the rich, metallic foliage and colors. 35c each; 3 for \$1.01. Larger size, 42c each.



Beefsteak Begonia.

BEEF STEAK BEGONIA. (Feastii.) Low, spreading begonia, finest for house culture. 25c each; 3 for 72c. Larger plants, 42c.



Weeping Lantana.

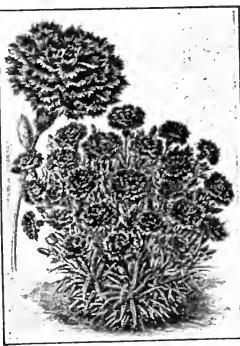
HARDY GARDEN CARNATIONS.

HER MAJESTY. A new variety of pure white. Very double. 25c each; 3 for 72c; 12 for \$2.50.

ABBOTTSFORD. Flowers rich rose-red, shading darker in the center. 25c each; 3 for 72c; 12 for \$2.50.

ELSIE. Exquisite flowers of bright rose, shaded with maroon at center. 25c each; 3 for 72c; 12 for \$2.50.

CRIMSON KING. The color is a rich crimson and it is deliciously fragrant. 33c each; 3 for 95c; 12 for \$3.30.



Carnation, Crimson King.

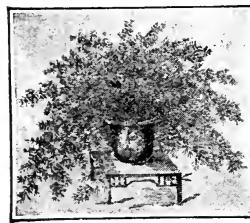
OLDS' HOUSE PLANTS

DECORATIVE FERNS



White Calla Lily.

WHITE CALLA. A White Everblooming. A fine Calla that makes an unusually beautiful house plant. Flowers are large, borne on long, stiff stems, and are of purest white. 27c each; 3 for 78c. Larger size, 42c.



Asparagus Sprengerii.

A SPARAGUS SPRENGERII. Valuable house plant of easy culture, sprays four to five feet long. Retains freshness after cutting for a very long time. 23c each; 3 for 66c. Larger size, 38c each.



Snake Plant (Sansevieria).

SNAKE PLANT. A new and rare decorative plant. 32c each; 3 for 92c. Larger sizes, 50c and 83c each.



FLUFFY RUFFLES. Different from all other ferns. Dark, feathery foliage. The compact and irregular shaped fronds which give it the name "Fluffy Ruffles" are so formed as to resemble miniature Ferns. 33c each; 3 for 95c. Larger plants, 63c each; 3 for \$1.80.

ROOSEVELT. Fronds broad and heavy, rich, dark green. 25c each; 3 for 72c. Larger plants, 50c each; 3 for \$1.45.

TEDDY JR. Beautifully tapered fronds. A shapely graceful grower. 25c each; 3 for 72c. Larger plants, 50c each; 3 for \$1.45.

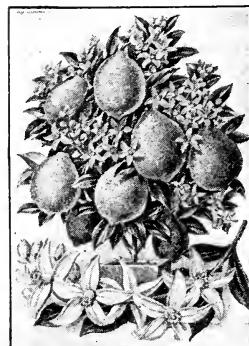
OSTRICH PLUME. Wide feathery fronds. 27c each; 3 for 78c. Larger plants, 63c each; 3 for \$1.80.

ST. BERNARD'S LILY.

ANTHERICUM. A handsome pot plant. Leaves dark green, with stripes and bands of creamy white. White flowers. 28c each; 3 for 81c.

AMERICAN WONDER LEMON.

LEMON. A true ever-bearing Lemon. Of easy culture, flowering and fruiting in ordinary soil. 23c each; 3 for 66c. Larger size, 50c each. (Notice: Lemon plants can not be shipped into the following states: Ala., Ariz., Calif., Fla., Ga., La., Miss., Texas, and S. Car.)



American Wonder Lemon.



Lace Fern (Asparagus Plumosus).

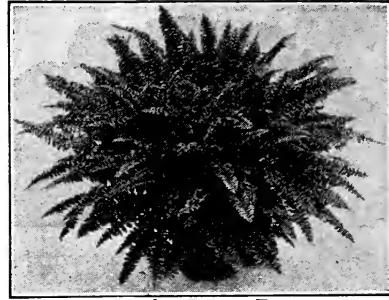
ASPARAGUS PLUMOSUS. A tall, climbing, decorative plant of rare and delicate beauty. Its fine and plume-like foliage is a bright green. Fronds six to eight inches wide. 24c each; 3 for 69c. Larger size, 40c each.

HIBISCUS PEACHBLOW.

One of the finest plant novelties. Flowers double, rich pink, small crimson center. 24c each; 3 for 69c.

GREVILLEA.

SILK OAK TREE. A magnificent plant for decorative purposes. Of rapid growth; fully cut foliage rivaling a rare fern. 20c each; 3 for 58c.

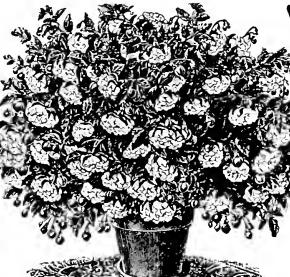


BOSTON. Dark green fronds of unusual length. 20c each; 3 for 58c. Larger plants, 42c each; 3 for \$1.21.

VIGORO

Specially prepared plant food

See page 92. We handle also Bone Meal, Nitrate of Soda and Sulphate of Ammonia, all fine for plants.



Mammoth Double Fuchsias.

GIANT FREE FLOWERING FUCHSIAS.

GLOIRE DES MARCHES. Brilliant, deep scarlet. The corolla is very large and double, pure white. 23c each; 3 for 66c.

SPECIOSA. Tube and sepals carmine. 22c each; 3 for 63c.

MD. VAN DER STRASS. Large double white with red sepals and pure white corolla. 23c each; 3 for 66c.



Brazilian Plume Plant.
BRAZILIAN PLUME PLANT.

A native of Brazil. Of easy culture. Does equally well in all kinds of soil. A strong rapid grower. Beautiful pink, plume-like flowers. 25c each; 3 for 72c.



Watermelon Begonia.

WATERMELON BEGONIA.

Leaves variegated white and green, waxy-like frosted silver. Excellent for house, window or table. 23c each; 3 for 66c.



Wandering Jew.

WANDERING JEW.

Popular window garden, hanging basket and porch box plant. Foliage beautifully variegated. Should have plenty of water. 19c each; 3 for 55c.

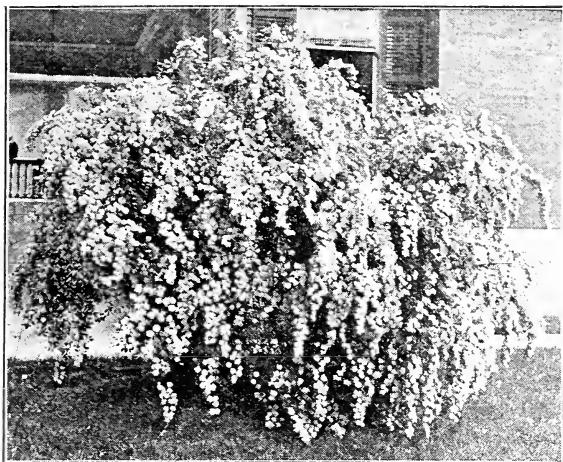
CROWN OF THORNS.

EUPHORBIA SPLENDENS. A curious plant with thick twining stems covered with sharp stout spines. Foliage bright green, blooms coral-pink. 24c each; 3 for 69c.

OLDS' ORNAMENTAL SHRUBS AND VINES

Olds' Ornamental Shrubs are all bush formed, well rooted, hardy, transplanted stock, measuring $1\frac{1}{2}$ to 2 feet high unless otherwise specified. They are never shipped with seeds or other articles but packed and sent direct from our growing station about 40 miles out of Madison. All ornamental shrubs are sent postpaid.

If sold out of the variety ordered we will substitute a like variety of equal or higher value in its place. This rule applies to Nursery Stock only, not to anything else offered in the catalog. In case you do not want a substitution made kindly note that on your order and we will refund for the item sold out. We urge our customers to order early so that we may properly take care of their orders, filling them at the proper time for planting in the spring.



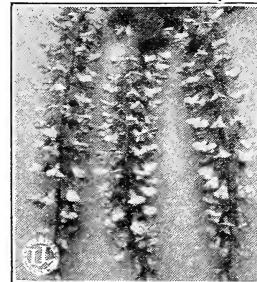
Spirea Van Houttei.

SPIREA VAN HOUTTEI. (Hardy Bridal Wreath.) Slender bushy shrubs, upright in growth, but in May and June a fountain of arching, snowy white bloom. 40c each; 3 for \$1.10, postpaid.

SPIREA, FROEBEL'S. A Japanese type of Spirea with bluish green leaves and red stems. Rather more dwarf than Van Houttei. Begins to bear flat clusters of rose colored flowers almost as soon as planted and continues in bloom until late autumn. 45c each; 3 for \$1.25.

SPIREA, ANTHONY WATERER. 12 to 15-inch stock. Produces bright crimson blooms throughout the summer. Dwarf growing. 45c each; 3 for \$1.25, postpaid.

SNOWBALL. The Snowball is always ready with its load of white ball blooms to supply the necessary decoration for Memorial Day. 55c each; 3 for \$1.50, postpaid.



Purple Wisteria.

HARDY VINES

CHINESE PURPLE WISTERIA. One of the most rapid growing of all climbing plants. Has very beautiful clusters of pale blue flowers in May and June, also frequently blooms again in the fall. Grafted stock, 85c each.

CLEMATIS-PANICULATA. A very desirable hardy garden vine. Flowers are white, medium sized, star-shaped and the plant is a profuse bloomer. The kind to use for covering trellises. Each, 55c; 3 for \$1.50.

CLEMATIS-JACKMANII. Similar to paniculata only the flowers are violet purple and larger. Each, 90c.

SCARLET HONEYSUCKLE. A tall sturdy climber, especially suitable for a north position. The bluish green foliage covers well and the plant blooms from midsummer until very late in the fall. 45c each; 3 for \$1.20.

BOSTON IVY. (Veitchii). The well known vine for covering brick and stone work. 60c each; 3 for \$1.70.

ENGELMANNII IVY. It has a foliage which turns to bright crimson in the fall. It also has the clinging habit of growth and may be planted to climb smooth surfaces; harder than the Boston Ivy and will do well in any situation. 45c each; 3 for \$1.20, postpaid.

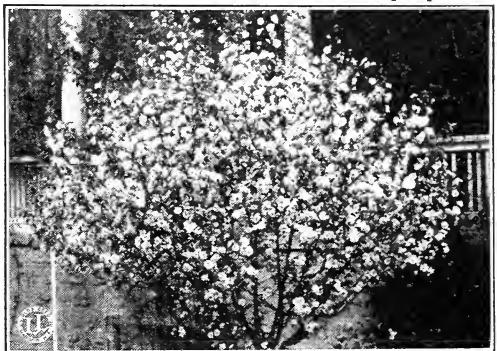
ALMOND PINK. A beautiful small shrub bearing an abundance of small double rose-like flowers. Blooms in May. 65c each; 3 for \$1.80, postpaid.

DEUTZIA LEMOINEI. A short-flowered plant of easy culture. Does well in any soil. The branches are entirely covered with erect panicles of large snow-white flowers. 50c each; 3 for \$1.35, postpaid.

HONEYSUCKLE, TARTARIAN PINK. A rapid grower. Attains a height of 8 to 12 feet. Blooms during May. Has slender upright branches and small bright pink flowers followed by orange-yellow berries. 40c each; 3 for \$1.10, postpaid.

HYDRANGEA PANICULATA. Creamy white flowers changing to pink; borne freely in immense panicles. Easily grown, beginning to bloom the first of July and continuing until fall. 55c each; 3 for \$1.50, postpaid.

HYDRANGEA ARBORESCENS. (Hill of Snow.) A beautiful new American shrub. Foliage a good green, blushing underneath. 45c each; 3 for \$1.25, postpaid.



Prunus Triloba.

PRUNUS TRILoba. (Flowering Plum.) Really a small tree which has its branches covered before the leaves appear with small, double, pink flowers. 5 to 8 feet in height, 2 to 3-foot stock. 65c each, postpaid. (Purple Leaf Plum.) The

this variety are of a rich, reddish purple. 2 to 3-foot stock. 80c each, postpaid.

PHILADELPHUS GRANDIFLORUS. (Syringa.) Commonly known as "Mock Orange." A vigorous and hardy shrub with handsome flowers and foliage. Beautiful white flowers produced in great profusion. Attains a height of 8 to 12 feet, blossoming in June. 40c each; 3 for \$1.10, postpaid.

LILAC, PURPLE. Lilacs are hardy and free flowering shrubs which burst forth with fragrant flowers in the spring and early summer. They do well in most any fertile soil. The purple is most widely known and grown. 45c each; 3 for \$1.25, postpaid.

LILAC, WHITE. Same as the purple only white. 50c each; 3 for \$1.35, postpaid.

LILAC, PERSIAN. Has bright purple flowers but attains a height of only 5 to 6 feet. Blooms during May and June. 50c each; 3 for \$1.35, postpaid.



Weigelia.

WEIGELIA ROSEA. 5 to 6 feet in height. A hardy and beautiful shrub bearing a profusion of rose-colored flowers. 45c each; 3 for \$1.25, postpaid.

VIBURNUM LENTAGO. A large-growing shrub with bronze leaves when young, turning to a glossy green in mid-summer and brilliant orange-red in autumn. Creamy white flowers with blue berries. 10 to 12 feet high. 55c each; 3 for \$1.50, postpaid.

HEDGE PLANTS

PRIVET. Amoer (Siberian). A fine upright shrub, almost evergreen with pure white flowers in June followed by purple seed pods. Also a good specimen plant. 1 to 1½-foot stock, 20c each; 10 for \$1.40, postpaid. By express, 100 for \$12.00.

JAPAN BARBERRY. Dense growing, thorny shrub, with drooping yellow flowers followed by bright red berries which hang all winter. This variety of barberry does not harbor wheat rust and may be planted anywhere. A good plant to use as a protection for evergreens. 1 to 1½-foot stock, 20c each; 10 for \$1.80, postpaid. By express, 100 for \$16.00.

OLDS' HARDY ROSES AND EVERGREENS

OLDS' ROSES are all hardy two-year field grown stock and will bloom the same year they are planted. Do not confuse them with the small greenhouse stock so often offered. All roses should be cut back about one-half in the fall after frost and covered with peat moss or straw. The prices quoted on roses are all postpaid prices. Ask for our leaflet "This is How Roses Should be Planted."

RUGOSA ROSES.

This type of rose is probably the hardiest of all roses and will winter through in our Northern climate and in Canada where other roses are sure to winter kill.

F. J. GROOTENDORST. Small red flowers in clusters. It has been described as the rose with red carnation blooms.

HANSA. The hardiest rose on the entire list. Has deep violet-red double flowers and the buds are borne in clusters which open nearly all at one time.

BELLE POITEVINE. A semi-double rose of a delicate pink shade. This rose blooms practically the entire summer.

SIR THOMAS LIPTON. The best pure white hardy Rugosa Rose. The flowers are practically double and pure snow white in color. Very fragrant.

Prices all the above varieties: 2-Year-Old No. 1 Field Grown, each, 75c; 3 for \$2.00.

Collection of Rugosa Roses: One each of the above four Rugosa Roses for \$2.75.

HYBRID PERPETUAL ROSES.

Hybrid Perpetual Roses are not as hardy as Rugosa. However they are much harder than any of the Tea Roses and if given protection will be absolutely hardy in Northern Wisconsin. They are usually in full bloom about the later part of June. The flowers are large, double and almost all of them exceptionally fragrant.

F. K. DRUSCHKI. A large pure white, free blooming rose. Blooms often measure 4 to 5 inches across. Double and fragrant.

GRUSS AN TEPLITZ. Flowers are borne from June until frost. The fragrant flower is a beautiful clear crimson scarlet.

PAUL NEYRON. Probably the largest rose in cultivation. Very double and of a deep rose color.

MARSHALL P. WILDER. Flowers are very fragrant, bright cherry-red and perfectly double.

PERSIAN YELLOW. Deep golden yellow, semi-double and hardy.

Prices, above varieties: 2-Year-Old No. 1 Field Grown, each, 75c;

3 for \$2.00.

Collection of Hybrid Perpetual Roses: One each of the above Hybrid Perpetual Roses for \$3.30.

CLIMBING OR RAMBLER ROSES.

The varieties listed below are quite hardy but should have winter protection if possible. Climbing Roses are used for covering arbors, trellises and pillars and for screening unsightly objects.

CLIMBING AMERICAN BEAUTY. The flowers are about 4 inches in diameter and of a rosy crimson color. Blooms freely in May and June and occasionally later in the season.

CRIMSON RAMBLER. A fast growing climber which is very desirable for pillar and porch plantings. Numerous crimson semi-double flowers borne in clusters.

DOROTHY PERKINS. The well known double shell pink climbing rose which blooms in great profusion.

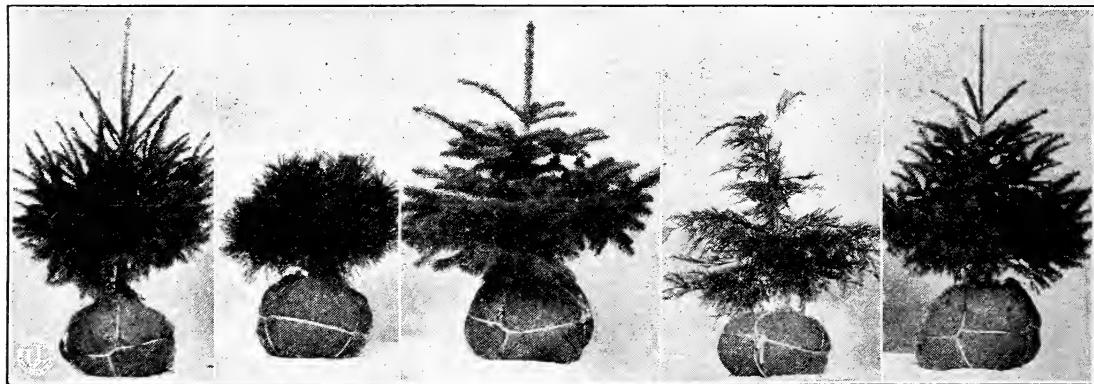
PAUL'S SCARLET. In our estimation the finest red climbing rose. Flowers are semi-double, vivid scarlet shading crimson and borne in clusters. The flowers remain for a long season.

Prices, above varieties: 2-Year-Old No. 1 Field Grown, each, 65c; 3 for \$1.80.

Collection of Climbing Roses: One each of the above 4 Roses for \$2.40.

HINTS TO ROSE GROWERS.

Use Bone Meal to fertilize your roses. To control mildew use Bordeaux Mixture. Black Spot can be controlled with Bordeaux and Arsenate of Lead mixed. For the green plant lice or aphids use "Black Leaf 40" or Evergreen. Any diseased or dead branches should be removed and burned. For insecticides see page 93.



Norway Spruce.

Mugho Pine.

Colorado Blue Spruce.

Fitzer's Juniper.

White Spruce.

OLDS' EVERGREENS

Olds' Evergreens are all three times transplanted, balled and burlapped and shipped by express or freight collect direct from our growing station in Northern Wisconsin.

Due to the heavy packing that is required for all Evergreens it is impossible to make shipment by parcel post, so be sure and give your express or freight station when you order. Early orders can go by freight. It is much cheaper than express. Evergreens are not shipped with other nursery stock.

NORWAY SPRUCE. This is the most popular of the foreign spruces and very well adapted for planting in the North. It is a handsome tree with dark green foliage. A rapid grower, 1½ to 2-foot stock, \$1.40 each; 2 to 2½-foot stock, \$1.95 each.

WHITE SPRUCE. A native spruce which forms a loosely symmetrical tree with rather pendant branches towards the base. 1½ to 2-foot stock, \$1.50 each; 2 to 2½-foot stock, \$2.10 each; 2½ to 3-foot stock, \$2.90 each; 3 to 4-foot stock, \$4.50 each.

FITZER'S JUNIPER. Probably the most attractive Juniper. Grows open with graceful branches. Will grow to a height of 8 to 10 feet. 1½ to 2-foot spread, \$2.90 each; 2 to 2½-foot spread, \$3.90 each.

COLORADO BLUE SPRUCE. A perfect shaped tree with an abundance of heavy foliage of rich glistening blue. The beauty of the Blue Spruce is its foliage. One of the finest specimen Evergreens. 1½ to 2-foot stock, \$4.90 each; 2 to 2½-foot stock, \$6.75 each.

BLACK HILL SPRUCE. The most compact growing Evergreen of the spruce family. It retains its branches close to the ground even in old trees. 1½ to 2-foot stock, \$1.60 each; 2 to 2½-foot stock, \$2.10 each; 2½ to 3-foot stock, \$2.90 each; 3 to 4-foot stock, \$4.50 each.

MUGHO PINE. A low spreading pine, very useful in lawns and rock garden plantings. 12 to 15-inch stock, \$1.95 each.

PYRAMIDAL ARBOR-VITAE. Forms a tall, slender column of dark green, 20 to 40 feet high. A very valuable variety for formal plantings wherever columnar effects are desired. Very hardy. 1½ to 2-foot stock, \$1.95 each; 2 to 2½-foot stock, \$2.45 each.

AMERICAN ARBOR-VITAE. This variety is best known on account of its wide spread for an ornamental hedge. A bright healthy green with an abundance of foliage. It will stand severe pruning and so is easily maintained in a low hedge or at practically any height and shape desired. Its natural growth is pyramidal. 1½ to 2-foot stock, \$1.60 each; 2 to 2½-foot stock, \$2.10.

OLDS' HARDY FRUIT AND SHADE TREES

OLDS' APPLES AND CRABS

Prices of all Apple and Crab Apple Trees, 4 to 5-foot trees, well branched, by express: 50c each; 10, assorted varieties if preferred, for \$1.25. Write for special prices in larger quantities. All trees are ordinarily sent by express. If wanted by mail add 20 cents per tree for postage.

Orders are filled from our growing station, 40 miles from Madison. See page 59 in regard to substitutions.

SUMMER VARIETIES

YELLOW TRANSPARENT. An early August apple of highest quality for home use but too tender to ship. Pale waxy yellow in color.

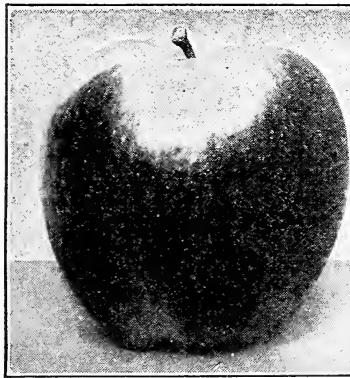
DUCHESS OF OLDENBURG. A large and beautiful apple ripening in late August and early September. Yellow and red, streaked and mingled. Very juicy and rich flavored, fairly tart. Exceptionally good for cooking and the best commercial extra early. Well known.

LIVELAND. A very hardy apple. Color white, shading to crimson; flesh, white. Very juicy and sweet. Bears during July and August.

AUTUMN VARIETIES

WEALTHY. The one fall apple with a perfect score as regards dessert, cooking and market qualities in contests of the Wisconsin Horticultural Society. Round fruit of rich dark polished red. The aromatic tender flesh is juicy, sub-acid, and of delicious flavor. The Wealthy is an early and annual bearer.

WOLF RIVER. The largest apple grown. Greenish-yellow shaded red. Pleasant flavor for eating out of hand or cooking but a little coarse in texture.



Delicious, Most Popular Eating Apple. Fine grained.

GOODHUE. A good keeping apple with a hardy and vigorous growing tree. This variety is similar to Wealthy but superior as an eating and cooking apple.

PEERLESS. This variety originated in Minnesota. Ready for use in October. The fruits are medium in size, yellowish green with stripes and splashes of carmine. Flesh, yellowish white.

GOLDEN RUSSET. Medium, dull russet, quality the best. Tree enormous and early bearer.

JONATHAN. Medium, red, extra quality.

MCINTOSH. Medium size, dark red, good quality. The best home variety for this section.

NORTHWESTERN GREENING. Hardy, yellow, of good size; extra long keeper. Good cooker.

BAYFIELD. The tree is a rapid grower, bearing large red apples of splendid quality that will keep up to May 15th. It is well adapted for the large commercial orchard.

PERKINS. The fruit is large, red, and round as a ball. Flesh fine-grained with a delicious flavor. Not as hardy as some winter varieties but does well in southern Wisconsin.

RED WING. A long-keeping winter apple slightly larger than Wealthy. Streaked with red on a yellow back-ground. Acid enough to make it a good cooking apple. This variety originated in Minnesota and has received the highest premiums at the Minnesota State Fair for the past eleven years.

TALMAN SWEET. The best winter sweet apple for home and market. Flesh white and fine grained. Productive and hardy.

FAMUSE. (Snow.) Medium, deep crimson, flesh white, of best quality. Famous eating apple.

GRIMES' GOLDEN. Good size, yellow, of highest quality; very productive.

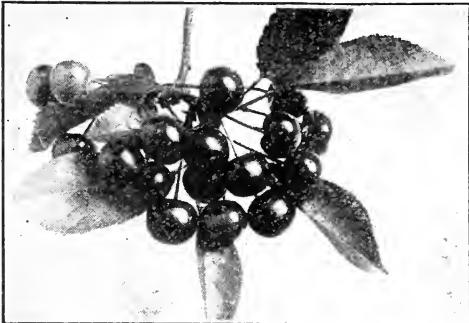
CRAB APPLES

HYSLOP. Large, deep crimson; most beautiful.

WHITNEY. One of the largest; splashed carmine, firm, juicy, great bearer. Fine eating apple.

CHERRIES

Prices of Cherries, 3 to 4-foot trees, well branched: Each, 65c; 10 for \$6.00, by express.



MONTMORENCY. Large, bright crimson, very juicy; strong, upright grower; one of the best late varieties.

EARLY RICHMOND. An early variety of extreme hardiness bearing large crops. Light to dark red, juicy.

HARDY PLUMS

Prices, all Plums, 4 to 5-foot trees, well branched, by express: Each, 65c; 10 for \$6.00. Assorted if desired.

STARLING PRIZE. Big red plums as large as good-sized peaches and much the same shape; of wonderfully fine flavor.

UNDERWOOD (MINNESOTA NO. 91). Earliest and hardest of the large new plums, ripening August first to August 15th, and attaining a size of $1\frac{3}{4}$ inches in diameter. Fruit red, juicy; very small pit, free stone.

OPATA. The finest plum for home gardens or where there is room for but one or two fruit trees. A dwarf grower, bearing heavily one year after it is planted. The fruits are purple with firm yet juicy green flesh of excellent quality. Tender skin and small pit. Free stone.

SAPA. Dark flesh of fine quality. Five-foot trees at three years bear 1 to $1\frac{1}{2}$ bushels each and keep it up.

WANETA. The most delicious of all plums and Prof. Hansen's masterpiece. It is a cross between a large American variety and the Japanese Apple Plum, a sort originated by Luther Burbank. The Waneta combines immense size with attractive appearance and rich, sweet flavor. Absolutely hardy.

TOKA. This is a cross between the American plum and the fragrant Apricot of China. The tree is remarkably strong and vigorous. Fruit dark red in color, very handsome, firm, large and a good shipper.

PEARS

Prices of Pears, 3 to 4-foot trees, well branched: Each, 70c; 10 for \$6.00, by express.

BARTLETT. Large, buttery, juicy, high flavored, great bearer; very popular, early. (August.)

CLAPP'S FAVORITE. Very large, early, yellow and red, with russet specks; melting rich. (August.)

SHADE TREES

For lawn or street planting. Strong, well-rooted, well branched, 6 to 8-foot trees. Prices except as otherwise noted, by express: Each, \$1.10; 3 for \$3.00.

ELM, AMERICAN WHITE. The most beautiful of all elms. It is a wide-spreading tree borne up to a considerable height on a straight and shapely trunk. Each, \$1.50.

ELM, VASE. A beautiful shade tree. The branches grow up and away from the center of the tree, giving it its appropriate name. Recommended for planting on a wide street or where a broad growing tree is desired. Grafted trees, each, \$1.50.

MOUNTAIN ASH. A native tree. When quite young this tree will produce berries in large clusters of an orange color. Grows about 18 feet tall. Each, \$1.25.

SILVER MAPLE (SOFT MAPLE). A well known ornamental tree with wide-spreading slender branches.

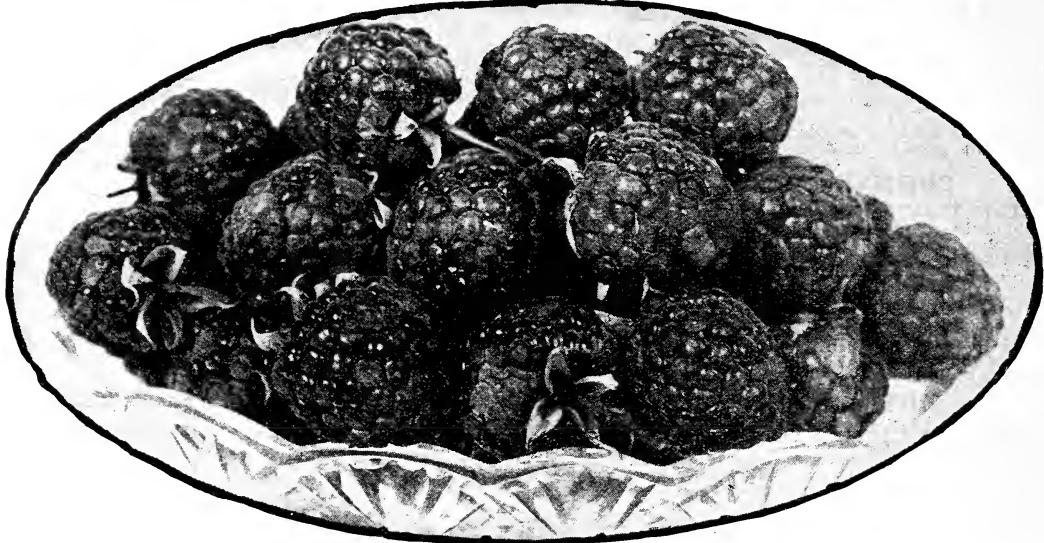
WHITE ASH. A good strong tree, producing a broad round head with a strong clean trunk. Will do well on practically any soil.

HARDY CATALPA. A handsome large foliage tree. Its fine racemes of flowers in early summer are a distinguishing feature, while in the autumn it has a heavy crop of long pendent beans.

LOMBARDY POPLAR. A tall picturesque spire-like tree. Fine for formal plantings along avenues or for marking the boundaries of grounds.

BECHTEL'S CRAB. A dwarf tree of great beauty covered with large double rose-like blossoms. A hardy and popular variety. 3 to 4-foot trees, \$1.25 each.

OLDS' RASPBERRIES AND GRAPES



A Dish of Delicious Latham Raspberries.

RASPBERRIES

Prices, both varieties: 3 for 45c; 6 for 80c; 12 for \$1.50, postpaid. Not prepaid: 50 for \$5.00; 100 for \$9.00.

★**LATHAM.** A grand new red Raspberry possessing splendid market qualities. We believe that this is the best raspberry thus far introduced. Will live through the winter in Wisconsin without any protection.

CUMBERLAND. A wonderfully productive variety. Berries run $\frac{7}{8}$ to 1 inch in diameter. The fruit is black.

GRAPES

Strong plants, all varieties but Concord, 25c each; 3 for 70c; 10 for \$2.25; \$20.00 per 100, postpaid. Assorted varieties if desired.

Grapes are one of the best and most healthful fruits we have. Perfectly hardy and easy to grow in any soil if not too wet. Plant along a garden fence, beside an arbor or in rows 8 feet apart. Grow delicious grapes in your own garden.

NIAGARA. Occupies the same position among white varieties as Concord among the black. The leading profitable market sort. Bunch and fruit large, greenish white, changing to pale yellow when fully ripe. Skin thin but tough; quality much like Concord.

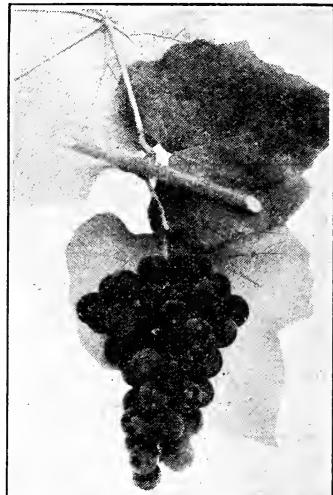
★**WORDEN.** An improved Concord; sweeter, larger in bunch and berry, and a week to ten days earlier. Black with purple bloom.

DELAWARE. An exquisite dessert grape. Light red with very thin skin, juicy, sweet, spicy, and aromatic. Rather small berries but of rare flavor. The standard of quality for grapes.

BETA. The grape for the extreme north, a hybrid between the wild grape and the Concord. Medium sized, jet black, in good bunches, juicy and of fair quality.

MOORE'S EARLY. Bunch and fruit large, very productive and of superior quality. Vine exceedingly hardy. Desirable for an early market. Its hardness particularly adapts it to Canada and Northern portions of the United States.

★**CONCORD.** The old standard purple grape, doing well everywhere. A heavy yielder. Price each, 22c; 3 for 60c; 10 for \$1.90; 100 for \$18.00, postpaid.



Concord Grape.

WISCONSIN SPHAGNUM MOSS

Used for packing roots of plants and nursery stock for shipping, also for packing cut flowers. Not prepaid, per burlapped bale, size about $1x1\frac{1}{2}x3\frac{1}{2}$ ft., 70c; 5 bales, \$3.25; 10 bales, \$6.00. Write for carload prices.

VEGETABLE AND FLOWER PLANTS

Well rooted stocky plants at less than you can bother to grow your own for, packed in strong containers, roots in damp moss. Place your order early. Plants will be mailed postpaid at the proper time to plant.

ASTER. Olds' Branching. Mixed colors, long stemmed, the finest aster for cutting. Doz., 45c; 50 for \$1.35.
CABBAGE. Early Jersey Wakefield, Copenhagen Market, Golden Acre, Red Dutch. Doz., 25c; 50 for 65c; 100 for \$1.10.

CAULIFLOWER. Transplanted. Snowball, (early), Dryweather, (late). Doz., 40c; 50 for \$1.25.

CELERY. Transplanted. Golden Self Blanching (early), Winter Queen (late). Doz., 40c; 50 for \$1.25.

EGG PLANT. Transplanted. Black Beauty. Doz., 40c; 50 for \$1.25.

GROUND CHERRY. An annual fruit for canning and home use. Doz., 40c; 50 for \$1.25.

PANSY. Well rooted, ready to bloom. Doz., 50c; 50 for \$1.75.

PEPPER. California Wonder, Harris Giant, Ruby King, and Hot Mixed. Doz., 40c; 50 for \$1.25.

PETUNIA. Rosy Morn. Pink Flowered. For window boxes. Doz., 40c; 50 for \$1.25.

SALVIA. America. A brilliant bedding flower. Doz., 50c; 50 for \$1.75.

SNAPDRAGON. Mixed Dwarf. Doz., 40c; 50 for \$1.25.

TOMATO. Dwarf Stone. Doz., 40c; 50 for \$1.25.

VERBENA. Mixed Colors. Fine for bedding. Doz., 40c; 50 for \$1.25.

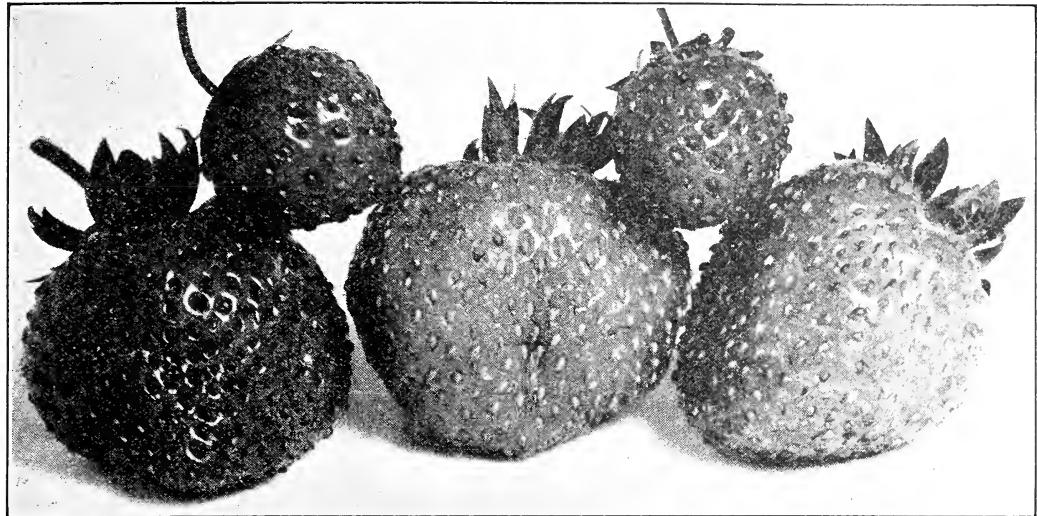
ZINNIA. Giant Dahlia Flowered Mixed. Doz., 40c; 50 for \$1.25.

OLDS' STRAWBERRY PLANTS

Our Strawberry Plants are freshly dug, well packed and sent by themselves at planting time direct from our growing station about 50 miles north of Madison. They are well rooted, large plants. Order early as the supply is limited. Ask for Wisconsin Bulletin No. 360, "Strawberry Culture in Wisconsin."

EVERBEARING STRAWBERRIES

Everbearing strawberries are no longer an experiment. Planted early in the spring, they will ripen in August, yielding the finest of fruit until November's freezing up time comes. Then in June they will yield again and after a few weeks' rest will throw up new blossom stalks and yield still again through the following fall.



Three Average Mastodons, With Two Just Normal Size Champions, a Standard Variety, on Top.

MASTODON. The heaviest producing strawberry. Some have measured five inches in circumference. Nine selected berries have filled a quart box and it is no trouble to select eighteen that will fill a quart box. The plants are always big and vigorous and well supported by a heavy root system. The fall crop is usually larger than that produced in the spring. A four-acre tract produced 22,176 quarts in 28 weeks or nearly 5,600 quarts per acre.

Berries are firm and solid, of the finest flavor, although on account of their unusually large size we do not recommend them for shipping a great distance. The Mastodon is not an experiment. It is absolutely the best flavored, largest, heaviest producing and finest berry ever introduced and we guarantee it unqualifiedly.

Prices, postpaid: 12 plants for 65c; 25 for \$1.10; 50 for \$1.90; 100 for \$3.25; 250 for \$6.75.

PROGRESSIVE. The best medium size everbearing strawberry. A strong hardy plant, producing many runners. Foliage large and healthy; has a delicious flavor.

Prices, postpaid: 25 for \$1.00; 100 for \$2.65.—By express: 1,000 for \$18.00; 500 at the 1,000 rate.

STANDARD VARIETIES

BEAVER. A new commercial June bearing variety which is becoming very popular. In fact in some growing sections of Wisconsin this variety has displaced all others. The Beaver has been thoroughly tried on all different soils and seems to be absolutely blight resistant. It is a heavy yielder and probably the best shipping berry on the market. The large red berries are firm and will not discolor after picking as so many varieties do. If you grow berries commercially this is the variety to plant.

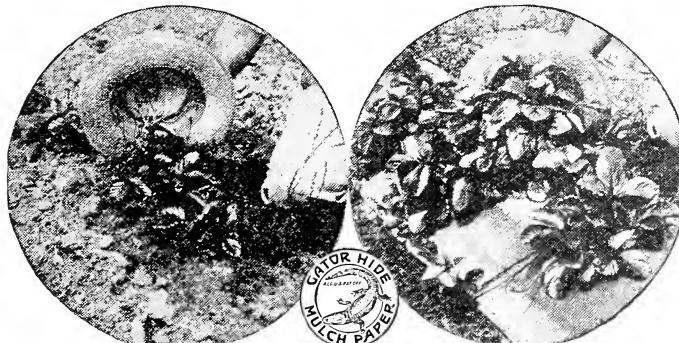
DR. BURRELL. (Perfect): Medium, "The Million Dollar Berry." Does well in all soils and climates. Fruit large, dark red, glossy and fine.

WARFIELD. (Imperfect Flowering.) Plant with Senator Dunlap.

AROMA. (Perfect Flowering.) Plants large, vigorous, with a splendid root system. Fruit large, holding its size well throughout all the pickings.

The berry is nearly round, smooth and perfect in form, of a beautiful bright, glossy red color, very firm and of high quality. It is medium late in season, much more than average in yield and a sure cropper every year.

SENATOR DUNLAP. (Perfect Flowering.) The best all-around standard strawberry and the one which is most widely known. The plants are medium in size, long rooted and thoroughly drouth resistant. The variety is unusually productive, beginning to ripen early and continuing to bear for a long time.



The Plants at the Right Were Mulched; Those at the Left Were Not.

The fruit is of medium size, smooth, regular and firm and the color is a beautiful red extending well to the center of the berry.

Prices for the above five varieties: Postpaid, 25 for 50c; 50 for 80c; 100 for \$1.50.—By express: 1,000 for \$7.00; 500 at 1,000 rate. Cultural leaflet on request.

USE MULCH PAPER FOR STRAWBERRIES. (See page 39 and illustration at the left.)

For the home strawberry bed Mulch Paper is ideal. It keeps the weeds down and insures clean fruit. Just spade up your bed in the usual way, lay the Mulch Paper on top of the soil and stake down. Then cut holes in the paper and set the plants in rows. Prices reduced; trial roll, 65c; large roll, \$3.00.

OLDS' CLOVER SEED.



This Is the Way Our Fields of Pure Wisconsin Red Clover Look.

OLDS' WISCONSIN GROWN CLOVER SEED

WISCONSIN CLOVER HARDEST AND PUREST. "No state in America grows a harder strain of clover seed than Wisconsin." (Wisconsin College of Agriculture Bulletin No. 175.) All the Medium and Mammoth Clover we offer this year is Wisconsin grown. Our Wisconsin clover seed is not only famous for its hardness but it is also pure. We are not much troubled with dodder and buckhorn, the two noxious weeds that are so common in some of our neighboring states. Furthermore we are careful in buying to secure only seed that is free from noxious weeds. We have the best up-to-date cleaning machinery and see to it that all the seed we send out is thoroughly cleaned and free from dirt and inert matter as well as foreign seeds.

TESTED SEED. Do not sow seed grown by your neighbor that has not been cleaned and officially tested. It is against the law in Wisconsin for him to sell to a consumer without having it tested anyway, and furthermore that is just the way you introduce bad weeds to your farm. Make sure all the seed you sow is thoroughly cleaned and that it shows a high test for both purity and germination with no noxious weeds. Some of our best dealer customers ship us the clover that they buy of farmers in their localities and then buy back again from us re-cleaned, tested seed that they are sure of. Buy Olds' "Old Gold Brand" Clover Seed and play safe.

THE OUTLOOK AS TO PRICES. The prices named below are ridiculously low considering the small crop. The total clover crop in Wisconsin the past season was only a fraction of what it was the year before and the same is true of surrounding states. The general low level of all farm products caused by the depression is the one thing that is responsible for the present low prices. A real shortage of good seed is likely to develop and as the demand increases and general conditions improve prices will advance.

Our guess is that clover will be decidedly higher in the spring. Buy now, therefore, if you can possibly finance the transaction. Prices will not go down. They will go up.

PRESENT PRICES OF MEDIUM RED CLOVER

Old Gold Brand—By mail: Lb., 35c. By freight: Lb., 30c; $\frac{1}{2}$ pk., \$1.70; pk., \$3.15; bu. (60 lbs.), \$12.40; 100 lbs., \$20.50; 500 lbs. at \$20.00. Bags extra at 25c.

Lakes Brand: Pk., \$3.00; bu., \$11.80; 100 lbs., \$19.50; 500 lbs. at \$19.00. Bags extra.
(Our Old Gold Brand represents the best and tests around 99.5 per cent in purity.)

MAMMOTH CLOVER.

Resembles Medium but larger. Best for pasture and fertilizer. Our seed is just as fancy as the Medium. Prices, Old Gold Brand—By mail: Lb., 35c. By freight: Lb., 30c; $\frac{1}{2}$ pk., \$1.75; pk., \$3.25; bu., \$12.70; 100 lbs., \$21.00; 500 lbs. at \$20.50. Bags extra.

Lakes Brand: Pk., \$3.10; bu., \$12.10; 100 lbs., \$20.00; 500 lbs. at \$19.50. Bags extra.

ALSIKE CLOVER.

Finer and more leafy than Red Clover, but grows to a good height and makes a heavy yield of hay. Goes much farther than Red Clover in seeding and the price is lower.

Prices, by mail—Old Gold Brand: Lb., 35c. By freight: Lb., 30c; $\frac{1}{2}$ pk., \$1.70; pk., \$3.05; bu. (60 lbs.), \$11.80; 100 lbs., \$19.50; 500 lbs. at \$19.00. Bags extra at 25c.

Lakes Brand. Contains a little White Dutch Clover and Timothy. Excellent for pasture. Pk., \$2.90; bu., \$11.20; 100 lbs., \$18.50; 500 lbs. at \$18.00.

River Brand. (10 to 15 per cent White Dutch and Timothy.) Pk., \$2.75; bu., \$10.60; 100 lbs., \$17.50.

WHITE DUTCH CLOVER. Very fine for lawns. Crop short with an unusually strong demand.

Prices, by mail—Old Gold Brand: Lb., 65c; 3 lbs., \$1.75. By freight: Lb., 60c; $\frac{1}{2}$ pk., \$3.50; pk., \$6.75; bu. (60 lbs.), \$26.50; 100 lbs., \$44.00.

Lakes Brand: Pk., \$6.25; bu., \$24.70; 100 lbs., \$41.00.

Note: Prices named here are good until Feb. 15th only. After that ask for our "Weekly Price List."

SWEET CLOVER.

"THE NEVER FAILING PASTURE CROP"

(Wis. Agl. Ex. Station.)

REASONS FOR SWEET CLOVER'S VALUE:

First—A Great Pasture Crop. When the ordinary blue grass pastures dry up sweet clover keeps right on growing and furnishes wonderful pasture right through the drouth period.

"Cows on Sweet Clover produce a splendid flow of milk."—Wisconsin Bulletin No. 178.

It makes more feed per acre than the common permanent pastures.

Second—Easily Grown. It grows readily on most all soils and good stands can often be secured where red clover and alfalfa fail entirely.

Third—Prepares for Alfalfa. It has the same sort of bacteria laden nodules as alfalfa and inoculates for that crop.

Fourth—Wonderful Soil Builder. "Sweet Clover is an excellent crop for building up worn-out soils."—Wisconsin Bulletin No. 178.

It grows faster than red clover or alfalfa and larger and the roots penetrate deeper into the soil. **CULTURE.** Sweet Clover is best sown in the spring with one bushel of extra early oats or barley per acre as nurse crop. Sweet Clover can also be sown successfully in June or July without a nurse crop or in corn at the last cultivation. A hand seeder like the "Cyclone," offered on page 89, can be used to good advantage where the seed is sown alone. Fifteen Pounds of Seed per Acre is usually sufficient, a little less for Grundy County as the seed is smaller. Inoculate the seed before sowing with Nitragin. See page 67. Use lime if your soil is sour. Be sure to have a good seed bed. Most any well-drained soil is all right for Sweet Clover and you will be pleased with the crop if you do your part in putting it in and handling it right. Ask for Wisconsin Bulletin No. 178. "Sweet Clover and the Summer Feed Supply."

COMMON WHITE BLOSSOM SWEET CLOVER.

The best probably for pasture and for soil building and the most largely sown for all purposes.

Prices—Old Gold Brand—By mail: Lb., 25c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 70c; pk., \$1.25; bu. (60 lbs.), \$4.30; 100 lbs., \$7.00; 500 lbs. at \$6.75. Bags extra.

Lakes Brand: Pk., \$1.20; bu., \$4.15; 100 lbs., \$6.75; 500 lbs. or over at \$6.50. Bags extra.

(Our "Old Gold Brand" is our best grade and shows high tests. It is North Dakota grown. Our Sweet Clover is all hulled and scarified. We never send out un-hulled seed.)

GRUNDY COUNTY WHITE BLOSSOM.

This is the famous dwarf strain of Sweet Clover originated in Grundy County, Illinois. It is much better for hay than the Common White Blossom because it is finer and more leafy, also because more easily handled on account of its dwarf growth.

We have a splendid large stock of Grundy County seed and prices this year are the same as for the large Common. Goes further because the seed is smaller.

Prices—Old Gold Brand: Pk., \$1.25; bu., \$4.30; 100 lbs., \$7.00; 500 lbs. at \$6.75. Bags extra at 25c.

Lakes Brand: Pk., \$1.20; bu., \$4.15; 100 lbs., \$6.75.

YELLOW BLOSSOM SWEET CLOVER.

This is the large strain of Yellow Sweet Clover, biennial the same as the Common White. Some say it is better for pasture than the White because it stays green longer.

Prices—Old Gold Brand: $\frac{1}{2}$ pk., 75c; pk., \$1.35; bu., \$4.60; 100 lbs., \$7.50; 500 lbs. at \$7.25. Bags extra.

ALBOTREA YELLOW BLOSSOM.

Albotrea is a strain of Dwarf Yellow Blossom Sweet Clover originated in Canada. Has been grown several seasons on the Wisconsin Experiment Station Farm and they think very highly of it there. They say it is much to be preferred to the regular Biennial White Blossom and they like it better than Grundy County as it gives higher yields, both of hay and seed. More dwarf even than Grundy County.

Prices—By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; $\frac{1}{2}$ pk., \$1.00; pk., \$1.90; bu., \$6.75; 100 lbs., \$11.00.

HUBAM. (The Annual Sweet Clover.)

Produces a full crop of both hay and seed all in one year. Very desirable for a honey crop because it continues to blossom all summer long.

Prices—By mail: Lb., 40c. By freight: Lb., 35c; $\frac{1}{2}$ pk., \$1.45; pk., \$2.75; bu., \$9.75; 100 lbs., \$16.00. Bags extra.

NOTE: Sweet Clover prices are very low this year but the prices quoted on this page are good until Feb. 15th only. Ask for "Weekly Price List" after that date. Samples free. Ask us for Wisconsin Bulletin No. 416, "Success With Sandy Soils."



Sweet Clover Provides Grazing During Dry Periods

(From Wisconsin Bulletin No. 178)



Five Acres of Sweet Clover Pastured Ten Cows for Two Months

(From Wisconsin Bulletin No. 416.)

SOILTEX.

TEST FOR ACID SOIL.

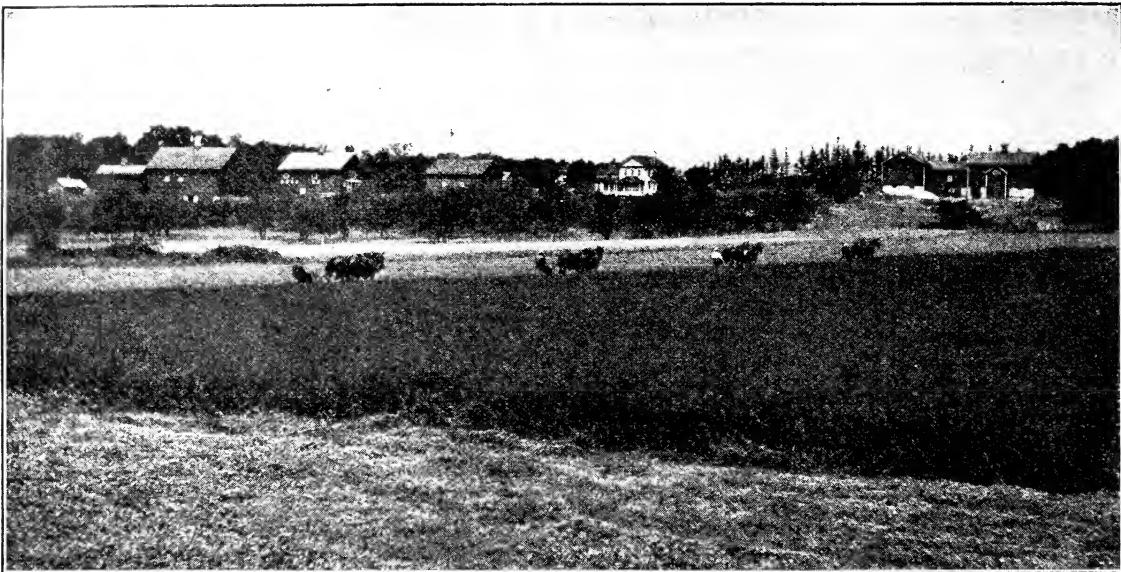


Soiltex is a new, quick, easy and accurate soil testing method, whereby you can determine exactly in a few minutes whether or not your soil is acid and how much lime it needs.

Many farms fail to grow alfalfa and sweet clover successfully, and other crops as well, because needing lime.

Each outfit will make 75 to 100 tests. Full directions included. Costs less than 2 cents per sample tested.

Price, \$1.00 postpaid.



107 Acres Alfalfa on Farm of Swartz Bros., Waukesha County, Wis., That Yielded 535 Tons of Splendid Hay.

OLDS' FANCY ALFALFA SEED

We make a specialty of Fancy, High-grade Alfalfa Seed, handling many carloads every year. We secure the best seed obtainable, the purest and hardest. Our seed can be fully relied on.
VERIFIED ORIGIN and STATE CERTIFIED. All the alfalfa seed we send out this year will be "Verified Origin Seed" and all the Grimm alfalfa and also the Hardy Montana will be also "State Sealed and Certified." "Verified Origin" means that a U. S. Government tag will appear on every bag verifying the statement as to the locality where the seed was grown.

HARDY DAKOTA ALFALFA NO. 12

Hardy Dakota is a leader with us in Common alfalfa. We again have a large stock of beautiful pure seed, all U. S. Verified Origin Seed, from the Black Hills region of western South Dakota. The unusual hardiness of our Black Hills Dakota No. 12 seed is no doubt largely due to the fact that the seed contains a lot of Grimm seed. Most of the farmers growing this seed had Grimm seed in the early days but kept no records; so it cannot be sold as Grimm.

Prices— By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; $\frac{1}{2}$ pk., \$1.70; pk., \$3.25; bu. (60 lbs.), \$12.15; 100 lbs., \$20.00; 500 lbs. or over at \$19.50 per 100 lbs. Bags extra at 25c.

HARDY MONTANA ALFALFA

Montana Alfalfa has for some years had the reputation of being about the hardest of all common alfalfa. Montana had a fairly good crop the past season but not nearly as large as last year. Our stock is all in 60s and is all "State Sealed and Certified" as well as "U. S. Verified Origin."

Prices: $\frac{1}{2}$ pk., \$1.65; pk., \$3.20; bu., \$11.80; 100 lbs., \$19.50; 500 lbs. at \$19.00. 60-pound sacks free.

EXTRA HARDY WISCONSIN ALFALFA

We again have Genuine Wisconsin Grown Alfalfa Seed to offer, but there is only a limited amount of it as the crop was very small. This seed is nearly all, perhaps all, from Grimm seed. It cannot be sold as Grimm, however, as no provision has been made and no machinery set up in Wisconsin for certifying it as Grimm and no seed can be sold as Grimm seed in Wisconsin unless state certified. This Wisconsin Grown Alfalfa Seed however is mighty desirable as it is very hardy, and is perfectly adapted to our conditions. It is all "State Verified Origin."

Prices: $\frac{1}{2}$ pk., \$2.30; pk., \$4.40; bu., \$17.00; 100 lbs., \$28.00; 500 lbs. at \$27.50. Bags extra at 25c.

FANCY IDAHO ALFALFA

Idaho Grown Alfalfa Seed is proving hardy in the North and is almost as desirable as Dakota and Montana seed. Our stock is bright, high testing seed, all "Verified Origin."

Prices— By freight: $\frac{1}{2}$ pk., \$1.55; pk., \$3.00; bu., \$11.20; 100 lbs., \$18.50; 500 lbs. at \$18.00. Bags extra.

FANCY KANSAS ALFALFA

Kansas Alfalfa has proved itself very desirable for Wisconsin. At the Wisconsin Experiment Station they place it next to Montana and Dakota for hardiness ahead of Utah and even ahead of Idaho. At any rate they have had better success with it than with Utah and Idaho. Our seed is beautiful bright seed of high quality, "Verified Origin," and the price the lowest of all the alfalfa seed we offer.

Prices: $\frac{1}{2}$ pk., \$1.35; pk., \$2.65; bu., \$10.00; 100 lbs., \$16.50; 500 lbs. at \$16.00. Bags extra.

FANCY UTAH ALFALFA

"Verified Origin" seed.

Prices— By freight: $\frac{1}{2}$ pk., \$1.45; pk., \$2.80; bu., \$10.60; 100 lbs., \$17.50; 500 lbs. at \$17.00. Bags extra.

Note.—All alfalfa prices are subject to change after Feb. 15th. Write for "Weekly Price List" after that date.



Treat All Alfalfa Seed with Nitragin. (See next page.)



Alfalfa tours and field meetings stimulate new acreages.

OLDS' GRIMM ALFALFA

Grimm Alfalfa is well known as the standard in the list of hardiest strains of alfalfa. The seed costs more, but it pays to use it to insure against winter killing when the unfavorable season comes. All the Grimm seed we offer is not only "U. S. Verified Origin," but also "State Sealed and Certified." Beware of Grimm not State Certified.

There is a lot of so-called Grimm on the market usually called "Affidavit Grimm" and it may have a U. S. Government tag on it but that does not prove it is Grimm as the Government simply verifies as to the origin or state where grown, nothing more.

BLACKFOOT GRIMM

The Blackfoot Brand of Grimm Alfalfa is a specially choice strain of Grimm grown by an association of Idaho farmers who have absolutely genuine seed and who have all their fields inspected and the seed state certified and state sealed. These growers can all positively trace the origin of their seed back to the original Grimm stock of Carver County, Minnesota.

"Blue Tag" Blackfoot Grimm. Owing to a change in the state grades of Certified Grimm Alfalfa, "Red Tag" has been discontinued entirely. The "Blue Tag," the highest grade, and the seed that most of our customers will want, must show a purity this year of not less than 99.25 per cent, must be entirely free of dodder and all other noxious weeds but may contain a slight trace of sweet clover, not to exceed 1/32 of 1 per cent.

"White Tag" Blackfoot Grimm. Another grade of Grimm is now certified by the state authorities to be known as "White Tag." This grade must also be free of noxious weeds and must show a purity of not less than 98.5 per cent but may contain as high as 1/8 of 1 per cent sweet clover. The price is considerably lower than the price of the "Blue Tag."

Prices: "Blue Tag"—By mail: Lb., 45c; 1/2 pk., \$2.50; pk., \$4.65; bu., \$16.90; 100 lbs., \$28.00; 500 lbs. at \$27.50. Sacks free. (Grimm Alfalfa is in 60-lb. sacks.) "White Tag": 1/2 pk., \$2.35; pk., \$4.35; bu., \$15.70; 100 lbs., \$26.00; 500 lbs. at \$25.50.

MONTANA STATE CERTIFIED GRIMM

In addition to the Blackfoot Grimm we have this year genuine Montana grown Grimm, State Sealed and Certified, "Blue Tag" and "White Tag" with the same test requirements as for the Blackfoot.

Prices—"Blue Tag": 1/2 pk., \$2.35; pk., \$4.50; bu., \$16.30; 100 lbs., \$27.00; 500 lbs. at \$26.50. Sacks free. "White Tag": 1/2 pk., \$2.25; pk., \$4.20; bu., \$15.10; 100 lbs., \$25.00; 500 lbs. at \$24.50. Sacks free.

DAKOTA "RED TAG" CERTIFIED GRIMM

We have a small stock of the old last year's grading of Dakota "Red Tag," with the high requirements of the old "Red Tag," showing a purity of 99.5 per cent. This seed is very desirable.

Prices: 1/2 pk., \$2.30; pk., \$4.35; bu., \$15.70; 100 lbs., \$26.00; 500 lbs. at \$25.50. Sacks free.

(Note: The state authorities for the Grimm Alfalfa states, Idaho, Montana, South Dakota and Utah, allow this year a slight tolerance of noxious weeds in both the "Blue Tag" and "White Tag" seed. All the seed we offer, however, will be entirely free of noxious weeds, as we do not handle any seed containing noxious weeds.)

INOCULATE WITH NITRAGIN BEFORE SOWING. The state authorities at Madison recommend emphatically inoculating all seed before sowing if Alfalfa has not previously been grown in that particular field.

Ask for Bulletin No. 374, "Wisconsin's Opportunity with Alfalfa."

Inoculate

ALL LEGUMES

Alfalfa, All Clovers, Soy Beans, Cow Peas, Vetch, Peas, Beans,
Peanuts with



All Legume
Germ Are
Perishable

To Protect You
NITRAGIN Cans
Stamped With
Expiration Date

Legume Germs
Die Rapidly
When Dried

Authorities
Recommend
Inoculating
With Water

THE ORIGINAL LEGUME INOCULATOR Guaranteed Fresh Each Year—Leads in High Germ Count

For profitable results, Agricultural Colleges advise inoculation for all legume seed, because it pays well in producing larger quality yields. NITRAGIN inoculated legumes draw their nitrogen from the air—not the soil—with billions of fresh, efficient nitrogen-gathering germs. It's fresh each year—it's DATED, and leads in High Legume Germ Count. Quality inoculation is the cheapest legume crop insurance known.

NITRAGIN PRICES

Alfalfa, All Clovers		Peas, Vetch, Beans, Austrian Winter Peas		Soy Beans and Cow Peas	
Size	Price	Size	Price	Size	Price
1/4 bu.....	\$.40	1/2 bu.....	\$.40	1 bu.....	.40
1/2 bu.....	.60	1 bu.....	.60	2 bu.....	.70
1 bu.....	1.00	1 bu.....	.90	5 bu.....	1.50
5 bu.....	4.75	*1 1/2 bu.....	.90	10 bu.....	2.50
<i>When ordering always specify kind of seed</i>		3 1/2 bu....	1.80	<i>When ordering always specify kind of seed</i>	
		5 bu.....	2.50		
		*Also called "100 lb. size."			

Garden Nitragin—Garden Size— Peas, Beans, Sweet Peas

Inoculates from 1 ounce to 8 lbs. seed. Price \$.25
IMPORTANT: When ordering NITRAGIN, always be
sure to state kind of legume seed you wish to inoculate.
Nitragin Has Served the American Farmer Since 1898



Mixing Nitragin with Seed

Legume Germs die rapidly when dried. NITRAGIN, containing between 30%—40% moisture, will readily stick to the seed without adding water, and give inoculation. However, for best results, the preferred practice, recommended by The Nitragin Company and Agricultural Authorities is to use water when mixing legume culture with seed.

OLDS' TIMOTHY, RED TOP AND LIGHT GRASSES

OLDS' HIGH GRADE TIMOTHY SEED

We handle every year large quantities of Timothy seed, buying the best and purest seed obtainable and cleaning thoroughly through our own cleaning machinery. Olds' Timothy Seed is free of buckhorn and all other noxious weeds.

Timothy prices at present are very low, "the lowest in 21 years," the Government report says. They are only about half what they were last year although the crop is only a trifle larger. Buy early as prices are sure to be higher in the spring.

Prices, Old Gold Brand, by mail: Lb., 25c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 45c; pk., 80c; bu. (45 lbs.), \$2.70; 100 lbs., \$6.00; 500 lbs. at \$5.85. Bags extra at 25c.

Lakes Brand: Bu., \$2.60; 100 lbs., \$5.75; 500 lbs. at \$5.60. Bags extra.

(Our "Old Gold Brand" represents the best grade of seed with high tests.)

TIMOTHY AND ALSIKE MIXED. (1-5 AIsike): pk., \$1.00; bu. (45 lbs.), \$3.65; 100 lbs., \$8.00; 500 lbs. at \$7.85.

OLDS' FANCY RED TOP

RED TOP is a very valuable general purpose grass. A good meadow grass, one of the best for pasture and splendid for lawns. This is the year to use Red Top freely. The crop was very large and fine and the price is probably the lowest ever known.

Fancy Solid Seed. (Recleaned, free from chaff.) By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 10 lbs., \$2.00; 100 lbs., \$15.00; 500 lbs. at \$14.50. Bags extra.

(Timothy and Red Top prices are good until Feb. 15th only. Ask for "Weekly Price List" after that.)

LIGHT GRASSES

Prices of all the following grasses include sacks. While prices may change in some instances they will probably stand as given here for the season. Ask for special prices in large quantities. We handle only the best grades.

FANCY KENTUCKY BLUE GRASS

Blue Grass is another item that produced an unusually large crop the past season and the price is accordingly way down low. Use plenty of seed. It pays to use the seed liberally anyway. Blue Grass, sometimes called June Grass, is the standard grass for lawns.

Old Gold Brand (21 pound seed)—By mail: Lb., 40c; 3 lb., \$1.05. By freight: 10 lbs., \$2.40; 100 lbs., \$19.50. Lakes Brand (19 pound seed): 10 lbs., \$2.30; 100 lbs., \$18.50.

ENGLISH or PERENNIAL RYE GRASS. The Timothy of England. Does well also in this country. Good for both pastures and meadows. By mail: Lb., 30c; 3 lbs., 80c. By freight: Lb., 25c; 10 lbs., \$2.00; 100 lbs., \$14.00.

DOMESTIC RYE GRASS. Grown in the state of Washington. Much cheaper than the European grown rye grass. May be used in lawn mixtures where a quick effect is wanted. By freight: Lb., 25c; 10 lbs., \$1.25; 100 lbs., \$8.50.

BROME GRASS (*Bromus Inermis*). Yields enormous quantities of hay. Defies drought, and not affected by frost. Splendid for a permanent grass. By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 100 lbs., \$18.00; 500 lbs. at \$17.50.

ORCHARD GRASS. Withstands drought and will grow in the shade. By mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 10 lbs., \$2.00; 100 lbs., \$14.00; 500 lbs. at \$13.50.

ASTORIA CREEPING BENT. We offer this year Astoria Bent Grass, grown in Oregon, in place of the old South German Mixed Bent or Creeping Bent that we have handled in the past. It is very similar but better, as it shows a higher purity and also a higher germination test. Desirable for golf courses. The seed is State Sealed and Certified.

Prices, by mail: Lb., \$1.35; 3 lbs., \$3.85. By freight: Lb., \$1.30; 10 lbs., \$11.50; 100 lbs., \$105.00.

CHEWINGS' FESCUE. A very fine pure strain of Fescue, selected by a man named Chewings. Grown in New Zealand. By freight: Lb., 50c; 10 lbs., \$4.25; 100 lbs., \$38.00.

ROUGH STALKED MEADOW. By freight: Lb., 40c; 10 lbs., \$3.00; 100 lbs., \$25.00.

REED CANARY GRASS

Reed Canary Grass is a very valuable new hay and pasture crop especially desirable for low, marshy land. Very highly recommended by the Wisconsin and Minnesota Experiment Stations.

For Pasture it lengthens the grazing season as it starts very early in the spring, even before the water that may cover it disappears, and continues to furnish an abundance of pasture throughout the entire season until late in the fall.

For Hay it makes a heavy yield of good quality hay as good as timothy and superior to wild hay. Ordinarily two or more cuttings can be made in a season. As high as seven tons of hay per acre have been produced in one season.

CULTURE. Sow in the spring, alone or with grain, 4 to 6 pounds of seed per acre broadcast, or 2 to 3 pounds with drill. It makes a permanent grass when once established. Ask us for U. S. Farmers' Bulletin No. 1602, "Reed Canary Grass."

Prices, by mail: Lb., \$1.15; 3 lbs., \$3.25. By freight: Lb., \$1.10; 5 lbs., \$5.00; 10 lbs., \$9.50; 100 lbs., \$85.00.

OLDS' PASTURE MIXTURE

Olds' Pasture Mixture is made up of the best grades of Orchard Grass, Red Top, Timothy, Blue Grass and others.

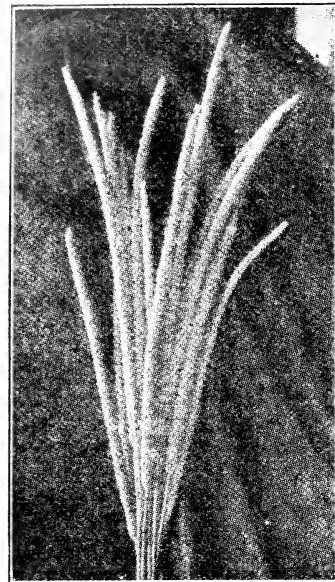
By freight: Lb., 30c; 10 lbs., \$2.10; 100 lbs., \$17.00; 500 lbs. at \$16.50. (Ask for Wisconsin Bulletin No. 414, "Permanent Pastures.")

OLDS' MEADOW MIXTURE

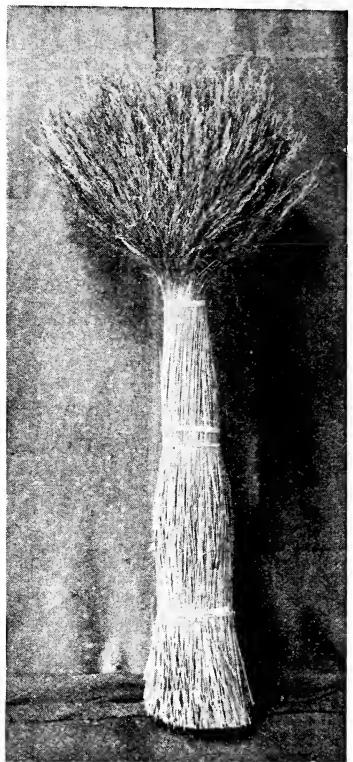
For a permanent stand of grass to be cut for hay. It consists of the same grasses as used in our Pasture Mixture, but in different proportions, the Blue Grass being left out.

By freight: Lb., 30c; 10 lbs., \$2.00; 100 lbs., \$16.00; 500 lbs. at \$15.50.

Prices of Field Seeds are subject to change after February 15th.



Olds' High Grade Timothy
Grows Long Heads.



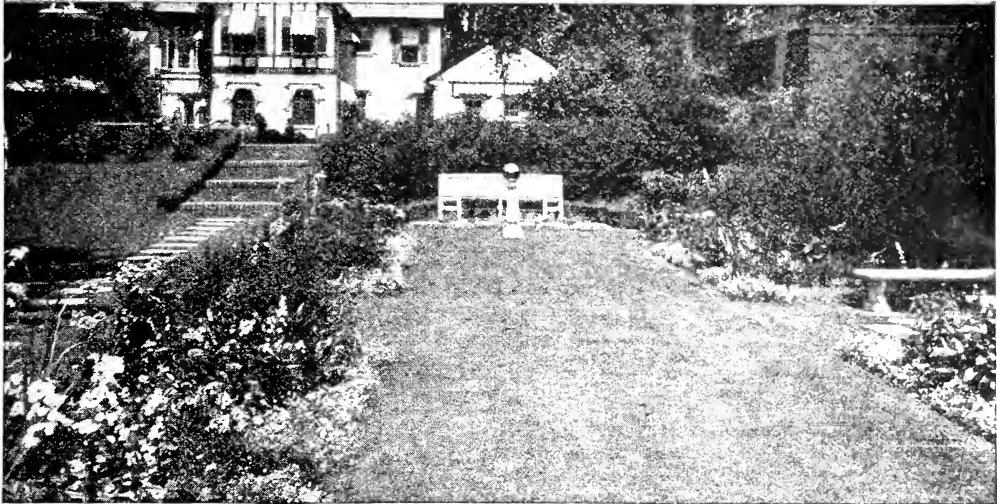
Olds' Fancy Red Top.

(Timothy and Red Top prices are good until Feb. 15th only. Ask for "Weekly Price List" after that.)

Reed Canary Grass.



Reed Canary Grass.



Plenty of Good Seed Properly Sown and Properly Cared for Makes a Thick, Velvety Stand of Grass.

OLDS' LAWN GRASS

Olds' Lawn Grass has won a reputation. We offer four very fine mixtures varying in price according to the amount of highest priced seed used. None of them contain timothy and none are cheap mixtures. Do not waste your money on the cheap, light weight, trashy stuff sold in many stores as "Lawn Grass."

"THE SEED DETERMINES THE LAWN"

"There is no more important consideration in making a lawn than the seed. Buying grass seed involves three problems: Kind of Seed, Quality and Amount. Failure in any one of these means only mediocre success or complete failure." Prof. Franz A. Aust in "The Beautiful Lawn."

CULTURE—Sow Lawn Grass at the rate of one pound for each 250 to 300 square feet, or not less than 150 pounds per acre. Spring is the best time for making a lawn although the seed may be sown any time from early spring until about October 1st, except for a few weeks during the dry time of midsummer. Use a Lawnette or Vigoro Spreader for sowing the seed. See page 88. Use Vigoro, the new "Lawn Plant Food," for fertilizer. Sulphate of Ammonia is also good. Every lawn, new or old, needs fertilizer. Many lawns need lime also. See page 92.

We will send on request Wisconsin Circular No. 92, "What Fertilizers for Lawns and Gardens." Also, a 16-page illustrated folder, "The Home Beautiful." (If interested in golf courses, ask for 28-page book, "Golf-Course Maintenance.")

OLDS' MADISON PARKS LAWN GRASS

Olds' Madison Parks Lawn Grass is a very carefully prepared mixture of high grade, heavy seed, that has been used extensively for several years in the parks about Madison. The seed is composed of White Dutch Clover, Creeping Bent, Rough Stalked Meadow, Chewings' Fescue, Fancy Red Top, Fancy Kentucky Blue Grass and others mixed in proper proportions. We recommend Madison Parks Lawn Grass as our best lawn mixture.

By mail: Lb., 45c; 3 lbs., \$1.25. By freight: Lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.25; 100 lbs., \$27.50.

(Note: Lawn Grass prices are very low this year as compared with previous years. Sow liberally this year.)

A. G. Hopkins, Wisconsin, writes:

"Last spring I sowed 10 pounds of your Madison Parks Seed and I want to tell you that I have the most beautiful catch of grass of the most wonderful color and texture that one can wish to see."

WISCONSIN SHADY MIXTURE

OLDS' SHADY MIXTURE A new mixture recommended by Prof. Aust. Rough Stalked Meadow, a fine grass that has proven wonderfully successful in dense shade, is very largely used in this mixture. The mixture also contains other high priced grasses that are specially adapted to shaded locations. There is an increasing demand for a lawn grass that will really do well in the shade. We recommend this.

By mail: Lb., 50c; 3 lbs., \$1.40. By freight: Lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.75; 100 lbs., \$32.50.

OLDS' CAPITAL LAWN GRASS

OLDS' CAPITAL LAWN GRASS is made up of substantially the same grasses and the same grades of seed that were used to make the beautiful lawn surrounding Wisconsin's magnificent Capitol building here at Madison. It is composed of heavy seed of the highest germination but contains no White Clover.

By mail: Lb., 40c; 3 lbs., \$1.10. By freight: Lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.75; 100 lbs., \$22.50.

OLDS' OLD GOLD LAWN GRASS

OLDS' OLD GOLD LAWN GRASS A good mixture at a low price. We have been making it for years and it has given general satisfaction. This mixture will probably make a better showing the first year than any of the others.

By mail: Lb., 35c; 3 lbs., 95c. By freight: Lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25; 100 lbs., \$17.50.

Prof. Aust says: "Good seed is of first importance in making a lawn." He also says that it pays to keep reseeding your lawn every spring, adding new seed and raking it in early in the spring after removing the dead grass.



High Grade Seed and Vigoro Were Responsible for This Lawn.

OLDS' SEED CORN

ADAPTED CORN. Choice Adapted Seed Corn is perhaps our greatest specialty in our entire list of seeds. It is not enough to have corn that will simply grow. You want corn that is adapted and that will produce. We have been constantly improving our corn and developing higher yielding strains, but without sacrificing earliness.

PRICES FOR 1932. We have greatly reduced our seed corn prices for 1932 to be in line with the market price of corn, but prices named in this catalog are good only until Feb. 15th. Prices may be higher after that date.

WISCONSIN VARIETIES BEST. Our principal varieties of corn are the ones originated and developed here at the Wisconsin Experiment Station and the ones recommended by them. These varieties, because adapted to our conditions, as well as improved for producing heavy yields, have put Wisconsin on the map as a corn-growing state.

WISCONSIN GROWN CORN

OUR CORN GROWN BY SPECIALISTS. We have our corn grown, selected, sorted, dried and graded by a group of expert corn men in different parts of the state who grow the different Wisconsin varieties on a large scale. All our Wisconsin corn is fire-dried and it is all from select ears. Most of our growers use the new Wright corn dryers. The corn is either tipped before shelling or thoroughly graded after shelling and much of it graded with Hero Corn Graders. See page 89. Prices are the lowest now probably they have ever been.

CERTIFIED CORN. The Wisconsin Experiment Association has arranged to certify stocks of seed corn of the approved Wisconsin varieties grown by careful growers in accordance with their requirements. The corn must be grown at least 40 rods from any other variety, must be true to type, practically free from mixture and show at least 95 per cent germination. All of our special stocks are Certified.

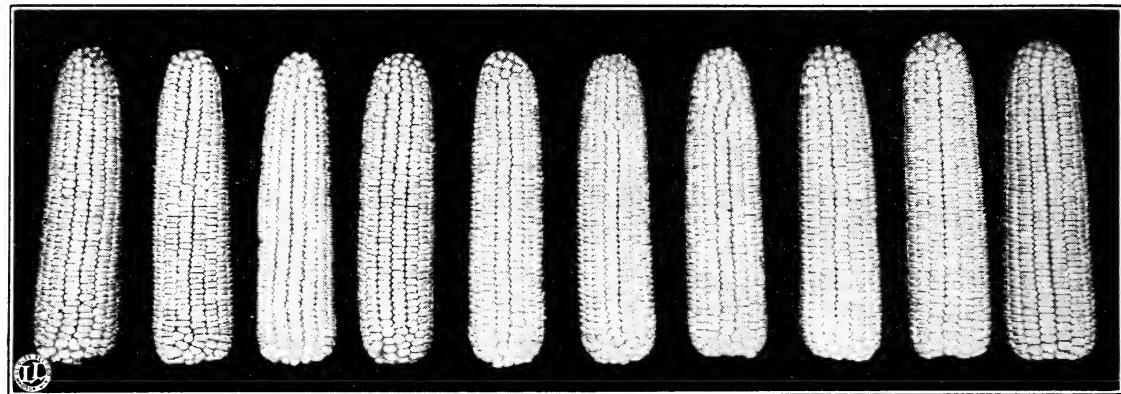
STATE SEALED AND VERIFIED CORN. In addition to having our corn certified by the Wisconsin Experiment Association we have arranged with the Wisconsin Department of Agriculture to have our Special Stocks State Sealed and Verified as to genuineness. Each full bag will be state sealed and accompanied by an official tag. This applies to the corn from Jaques, Brueckner, Bishop, Spangler and Hopkins.

OUR GUARANTEE. Note our guarantee as to quality on page one. This applies to corn, as well as other things. We guarantee, however, only to the extent of the amount paid us and will not be responsible for the crop.

(Ask for Wisconsin Special Circular, "Use Phosphate, It Pays.")

"WISKA" SEED CORN

"Wiska" is the name given by the Wisconsin Department of Agriculture to seed corn grown one year in Nebraska from approved Wisconsin seed stocks of the Wisconsin varieties. This corn has proven so very satisfactory when brought back here that our agronomists now recommend it very highly, and have given it this distinguishing name, "Wiska." All our "Wiska" corn is State Sealed and Verified by the Wisconsin Department of Agriculture. Each full bag will bear an official state tag certifying as to the genuineness of the corn. As a result of careful tests carried on at the Wisconsin Station during the last four years it has been found that "Wiska" corn matures just as early as corn actually grown in Wisconsin although it does not always produce as uniform a yield.



Ten Typical Ears of Brueckner Murdock, Grown by Leo Brueckner, Jefferson County, Wisconsin. A Little Larger Than Golden Glow and a Little Rougher, with Tips Not So Pointed.

MURDOCK YELLOW DENT. (Wisconsin No. 13.)

Sweepstakes Corn of the Northern Zone.

Murdock Yellow Dent is our favorite variety of corn. It was awarded sweepstakes for the Northern Zone, comprising the states of Wisconsin, Michigan, Minnesota, North Dakota and South Dakota, at the National Corn Expositions of 1909 and 1910, and this in competition with corn of all varieties. Mr. H. C. Brueckner of Jefferson County, Wisconsin, was the exhibitor of this corn. This was over 20 years ago and the Brueckner Murdock that we have now has had the advantage of all the years since then in breeding, selection and improvement. Mr. Brueckner took more than 35 premiums in 12 years.

Murdock Yellow Dent is of a deep yellow color, ears 8½ to 9½ inches in length, hard and solid, just slightly rough and very uniform in type. It makes a large heavy growth of stalk and leaf and so is a good silage variety. Murdock is not a whole lot different from Golden Glow but it grows a trifle larger both in stalk and ear and yields a trifle more. Better for silage than Golden Glow. Not quite as early but nearly so.

BRUECKNER MURDOCK. We handled Mr. Brueckner's Murdock Yellow Dent for 13 consecutive years up to the time of his death in 1922, and he was selecting and further improving the corn each year during all that time. Since his death his son, Leo, has continued the work of developing and improving, using his father's methods. All the Brueckner Murdock we offer this year was grown by him and is all State Certified and Verified.

We offer also Murdock grown by Mr. W. H. Jacques, of Pierce County, our largest grower of Wisconsin seed corn, and Murdock grown by Mr. J. W. Hopkins of Dane County. These stocks are also State Certified and State Sealed.

Our other Wisconsin grown Murdock is fire-dried and choice and most of it from Brueckner seed originally.

PRICES OF MURDOCK YELLOW DENT FOR 1932.

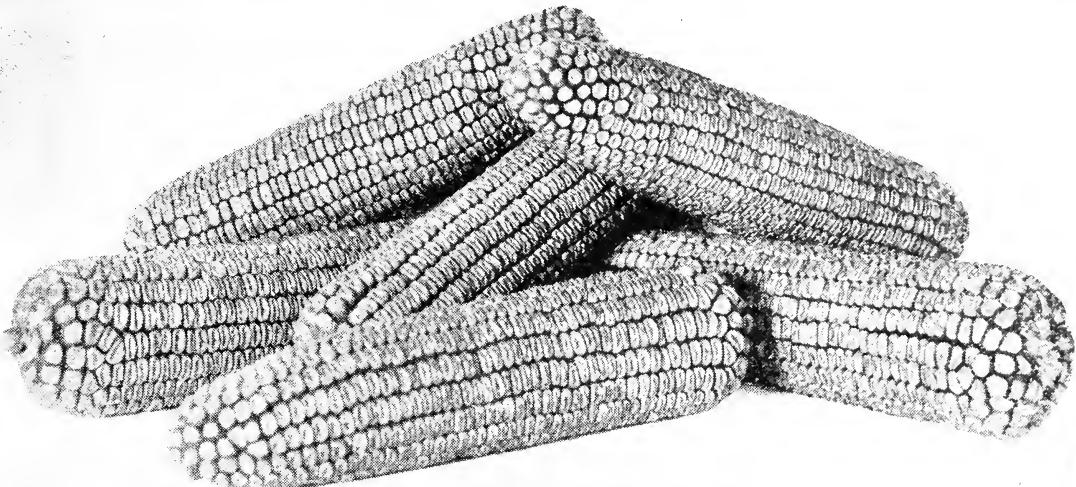
Brueckner Stock: ½ pk., 70c; pk., \$1.25; bu. (56 lbs.), \$3.75; 2½ bus. at \$3.65; 10 bus. at \$3.50. Bags extra.

Jacques and Hopkins Stocks: ½ pk., 55c; pk., \$1.00; bus., \$3.00; 2½ bus. at \$2.90; 10 bus. at \$2.75.

Other Wisconsin: ½ pk., 50c; pk., 90c; bu., \$2.75; 2½ bus. at \$2.65; 10 bus. at \$2.50. Bags extra.

Nebraska Grown: Pk., 60c; bu., \$1.85; 2½ bus. at \$1.75; 10 bus. at \$1.60. Bags extra.

Any variety of corn—by mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; 3 lbs., 45c.



Bishop Heavy Yield Golden Glow, An Unusually Desirable Strain.

GOLDEN GLOW (Wisconsin No. 12.) THE FAVORITE VARIETY OF CORN FOR WISCONSIN.

LL
**OLDS SEED
ADISON WISCO**

Golden Glow is the most popular variety of Wisconsin corn. It is grown more largely by far than any other. It certainly is well adapted to all sections of the state, as far north as north-central Wisconsin. It is a little earlier than either Murdock or Silver King, hence safer in an unfavorable season.

Description. Golden Glow is a pure golden yellow corn, ears fairly large, the standard official length being $8\frac{1}{4}$ to $9\frac{1}{4}$ inches. It is strictly a Wisconsin corn developed at the Wisconsin Experiment Station.

BISHOP HEAVY YIELD GOLDEN GLOW. We have a specially fine strain of Golden Glow, grown by Mr. W. E. Bishop in Trempealeau County, Western Wisconsin. The Bishop strain is characterized by uniformity of type and color, strong vigorous growth, earliness of maturity, and, most important of all, by "heavy yield." Mr. Bishop almost always reports a yield of around 100 bushels per acre for his entire acreage.

Mr. Bishop has been growing and improving this "Heavy Yield" strain of Golden Glow for many years. This is the fifteenth year that we have offered it. The stock is State Certified and State Sealed and Verified. See preceding page for explanation. Mr. Bishop grades his corn very close, using a Hero Corn Grader.

JACQUES' NORTHERN WISCONSIN GOLDEN GLOW. We have again also a stock of fine Golden Glow from Mr. W. H. Jacques, of Pierce County, probably the largest and most experienced seed corn grower in the state. Mr. Jacques' strain of Golden Glow is a wonderfully fine early strain, bred up and improved through a term of years. This stock is State Certified and State Sealed and Verified. We have also Golden Glow from Mr. J. W. Hopkins, Dane County, State Certified and Verified.

PRICES OF GOLDEN GLOW FOR 1932.

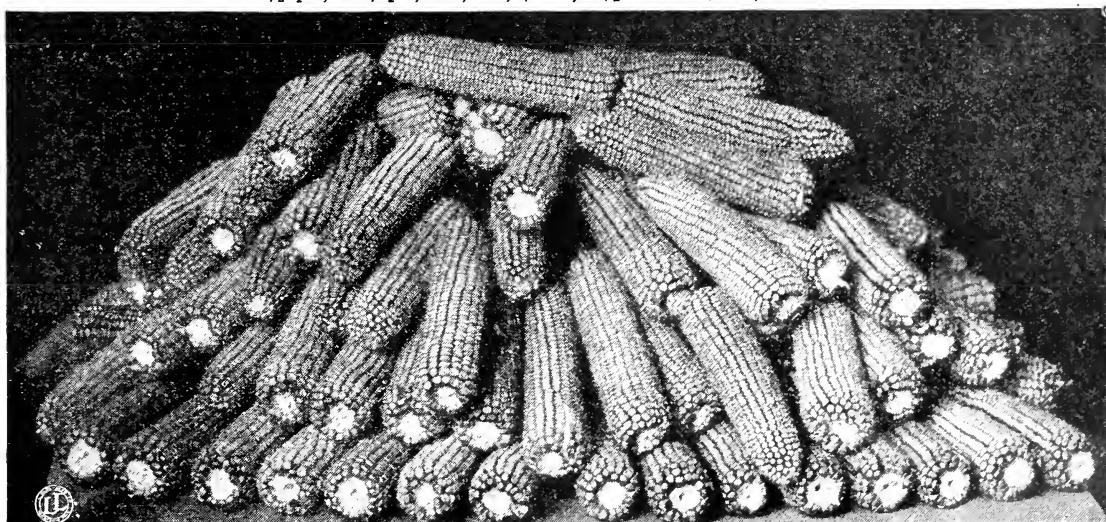
Bishop Heavy Yield: $\frac{1}{2}$ pk., 60c; pk., \$1.10; bu., \$3.25; $2\frac{1}{2}$ bus. at \$3.15; 10 bus. at \$3.00. Bags extra, 25c.

Jacques and Hopkins Stocks: $\frac{1}{2}$ pk., 55c; pk., \$1.00; bu., \$3.00; $2\frac{1}{2}$ bus. at \$2.90; 10 bus. at \$2.75.

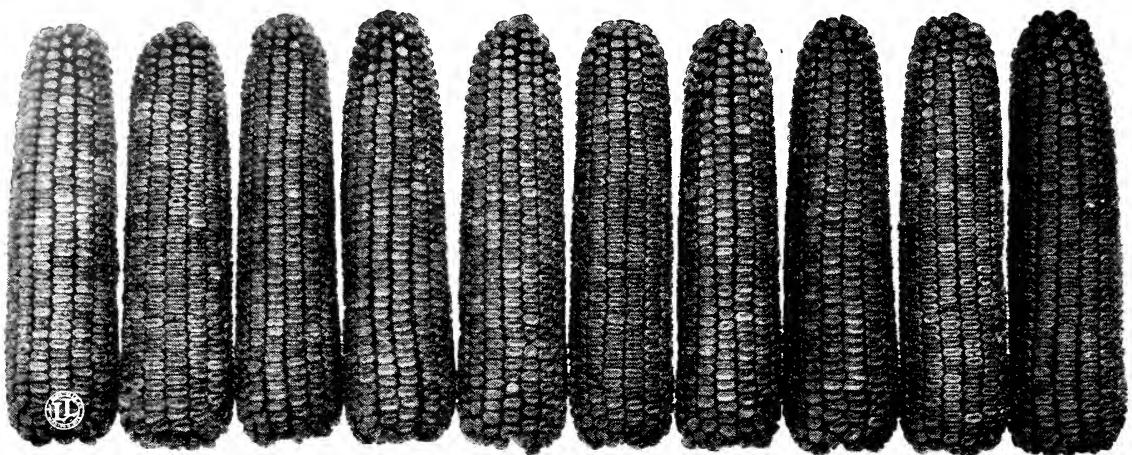
Other Wisconsin: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$2.75; $2\frac{1}{2}$ bus. at \$2.65; 10 bus. at \$2.50.

"Wiska" Golden Glow: $\frac{1}{2}$ pk., 40c; pk., 70c; bu., \$2.10; $2\frac{1}{2}$ bus. at \$2.00; 10 bus. at \$1.85.

Other Nebraska Grown: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$1.85; $2\frac{1}{2}$ bus. at \$1.75; 10 bus. at \$1.60.



Another Photograph of Olds' Wisconsin Grown Golden Glow.



Ten Typical Ears of Cold Resistant Golden Glow.

COLD RESISTANT GOLDEN GLOW.

Earlier Than Golden Glow and the Best Good-Sized Corn for Central and Upper Wisconsin. Also Fine for All Sections To Resist Cold Weather Just After Planting.



Cold Resistant Golden Glow is a genuine Golden Glow with all the good qualities of that variety and in addition with the cold resistant features bred into it so it will stand unfavorable weather.

It is just what its name indicates, a strain of Golden Glow that will resist the cold unfavorable weather we are so apt to have at corn planting time and a little later on and permit earlier planting.

The Official History and Description of Cold Resistant from Wisconsin Bulletin No. 170 reads as follows:

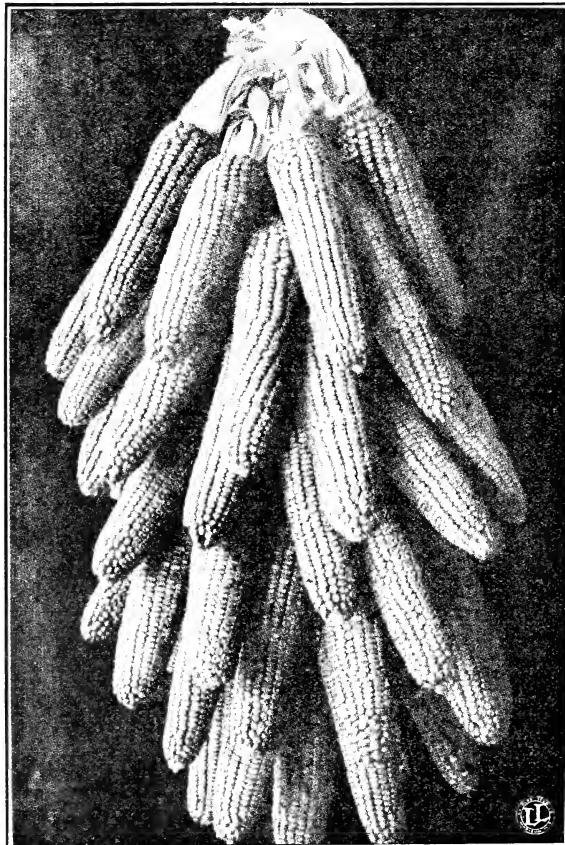
"Owing to the cool weather which frequently prevails during the early part of the growing season and retards the growth of corn a strain was bred which will continue to grow under conditions too cool for ordinary varieties. This work was begun in 1914 by germinating six kernels from each of a large number of ears, in an ice box kept at a temperature of 42° to 45° F. Those ears, the kernels of which showed any sign of germination, were kept for further breeding. After six years of selection, a strain of Golden Glow corn was produced which will grow at a soil temperature several degrees lower than that required for the standard Golden Glow strains. In breeding this strain every effort was made to maintain the size of the ear and stalk of the standard Golden Glow type."

JACQUES COLD RESISTANT. Our best Cold Resistant comes from Mr. Jacques, who no doubt, has the best strain of Cold Resistant in the state. He has been growing Cold Resistant for the last six years and putting a lot of selection work on it to make it earlier. He says it now runs a full week earlier in maturity than Golden Glow and is that much earlier than it was when he started with it. The yield is all right too, his best fields averaging as high as 75 to 80 bushels per acre. All the Jacques stock we offer is State Certified and State Sealed and Verified.

PRICES OF COLD RESISTANT FOR 1932:
Jacques Stock: $\frac{1}{2}$ pk., 55c; pk., \$1.00; bu., \$3.00; $2\frac{1}{2}$ bus. at \$2.90; 10 bus. at \$2.75. Bags extra at 25c.
Other Wisconsin: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$2.75; $2\frac{1}{2}$ bus. at \$2.65; 10 bus. at \$2.50. Bags extra.

Wiska Cold Resistant: $\frac{1}{2}$ pk., 40c; pk., 70c; bu., \$2.10; $2\frac{1}{2}$ bus. at \$2.00; 10 bus. at \$1.85. Bags extra.

Other Nebraska Grown: Pk., 60c; bu., \$1.85; $2\frac{1}{2}$ bus. at \$1.75; 10 bus. at \$1.60. Bags extra.



Wisconsin No. 8.

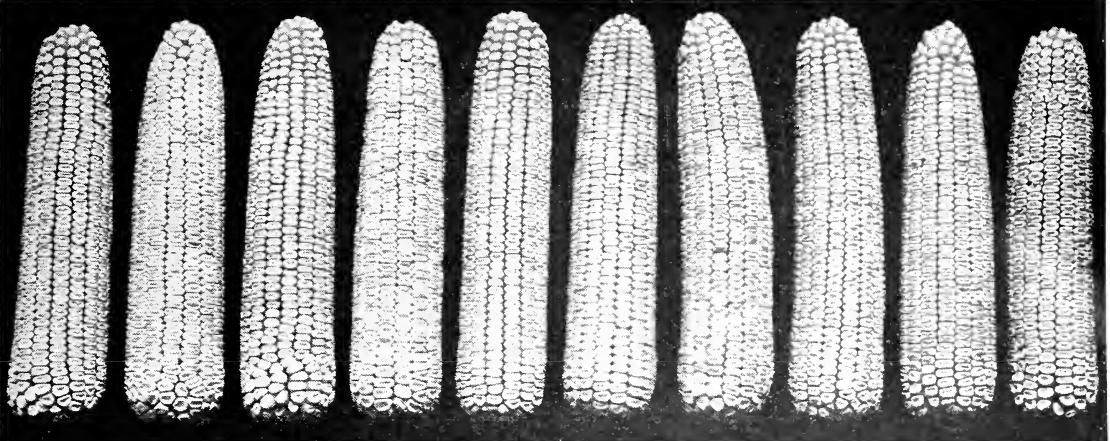
T. H. Bayman, New York, writes: "The bushel of seed corn, Cold Resistant Golden Glow, I suppose is the first dent corn in my neighborhood which has ripened in years. I am selling seed at \$5.00 per bushel."

WISCONSIN NO. 8

Best Husking Variety for Northern Wisconsin. Wisconsin No. 8 is probably the earliest of all dent varieties except Wisconsin No. 25. It came originally from Minnesota but has been developed and improved at the Wisconsin Experiment Station, the ears being materially lengthened without sacrificing the extreme earliness. The ears average 7 to 8 inches in length.

Our Wisconsin No. 8 this year is all from Mr. Jacques and is State Certified. He says of it, "I find a good sale for Wisconsin No. 8 and like to grow it, it being about as good a husking variety as there is for North Central Wisconsin. My yield of shelled corn is about the same most years as the larger varieties. While ears are a trifle smaller they have a very good shelling percentage and they are surer to make a crop."

Prices: $\frac{1}{2}$ pk., 55c; pk., \$1.00; bu., \$2.90; $2\frac{1}{2}$ bus. at \$2.80; 10 bus. at \$2.65. Bags extra.



Ten Ears of Spangler Silver King, Grown by Spangler Brothers, Jefferson County, Wisconsin.

SILVER KING (Wisconsin No. 7)

By Far the Best White Dent for Southern Wisconsin, Northern Illinois and Iowa.
Silver King is not only the best white variety but one of the best and heaviest yielders of all varieties of corn. It came from northern Iowa to Wisconsin in 1904. We first offered it in 1907. Now it is well known and a standard sort. It is a big yielder and specially fine for the silo. It has yielded at the Wis. Ex. Station 98 bushels per acre and the average yield for the whole state for 3 years was 57 bushels as compared with 33 bushels, the average of all other varieties.

The greatest yield for Silver King thus far reported and the yield record for Wisconsin, all varieties, so far as we know is 137 6-10 bushels per acre. This yield was in Racine County.

The Official Description from Wisconsin College of Agriculture Corn Bulletin No. 170, is as follows:

"This variety is a uniform, creamy white in color and has a slight roughness of kernel. The cob is glistening white. The length of ears varies from 7 to 10 inches. The standard length is from 8½ to 9½ inches."

"The foundation stock of Silver King was secured from John Banks, Algona, Iowa, by the Wisconsin Experiment Station in 1904. Since that time it has been improved by ear-to-ear breeding and adapted to Wisconsin climatic conditions. This variety breeds true to type and is one of the best yielders for crib and silage corn in the southern half of the state. Reports from Experiment Association members show a six year average yield of 62.1 bushels per acre, an increase of 18.9 bushels above the state average."

SPANGLER SILVER KING. Our Spangler Stock of Silver King, grown by Spangler Brothers, Jefferson County, is an unusually fine strain, bred to a rather large rough type. The Spanglers have taken many prizes, including "First on Ten Ears" and "First on Single Ear" at the 1924 State Grain Show, "Sweepstakes on Ten Ears" at the 1925 Show and "Seventh on Single Ear" at the Chicago International, 1923. Also "First on 50 Ears Silver King" and "First on Single Ear" at the 1927 State Grain Show. "First on Single Ear" and "First on Ten Ears" at Aurora Central States Fair and a lot more prizes at State and County Fairs. The corn they are delivering to us this season is unusually choice. It is all State Certified and State Sealed and Verified.

JACQUES SILVER KING. Our Jacques Silver King from Mr. W. H. Jacques, of Pierce County, is also very fine and is State Certified and State Sealed and Verified. Mr. Jacques says of it, "I think we have the finest strain of this variety there is any place. Mine is an extra early strain, thoroughly acclimated, having been developed by careful selection from stock originally obtained from the Wisconsin Experiment Station. This is a wonderful silo corn, probably the best yielder there is for most of Wisconsin and Minnesota."

PRICES OF SILVER KING FOR 1932:

Spangler Stock: $\frac{1}{2}$ pk., 60c; pk., \$1.10; bu., \$3.25; $2\frac{1}{2}$ bus. at \$3.15; 10 bus. at \$3.00. Bags at 25c each.
Jacques Stock: $\frac{1}{2}$ pk., 55c; pk., \$1.00; bu., \$3.00; $2\frac{1}{2}$ bus. at \$2.90; 10 bus. at \$2.75. Bags extra.

Other Wisconsin Grown: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$2.75; $2\frac{1}{2}$ bus. at \$2.65; 10 bus. at \$2.50.

"Wiska," from Jacques Seed:
 $\frac{1}{2}$ pk., 40c; pk., 70c; bu., \$2.10;
 $2\frac{1}{2}$ bus. at \$2.00; 10 bus. at \$1.85.

Other Nebraska Grown: Pk., 60c; bu., \$1.85; 2 bus. at \$1.75; 10 bus. at \$1.60. Bags extra.

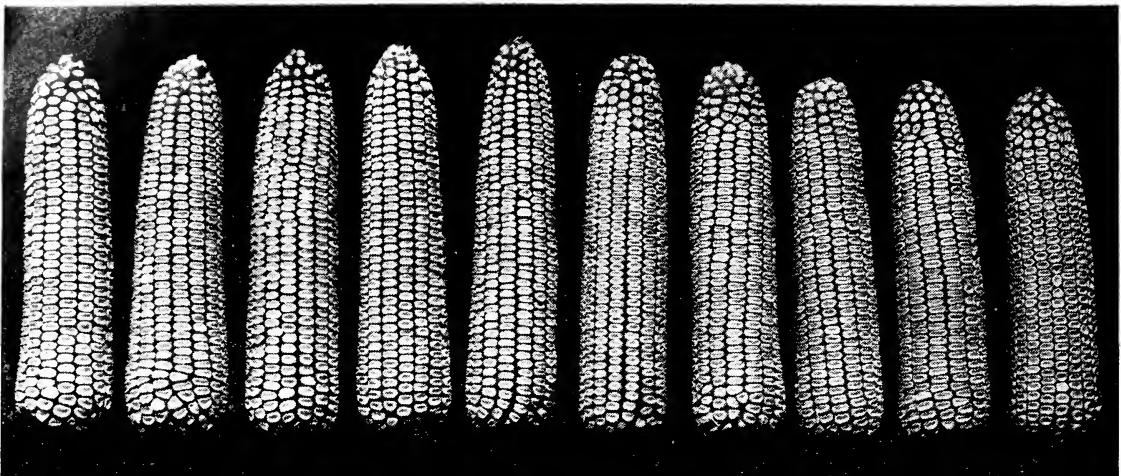


Any variety of corn on our list
—By mail: Lb., 25c; 3 lbs., 60c.
By freight: Lb., 20c; 3 lbs., 45c.
Samples showing tests free. Half bushels at bushel rates. Bushel sacks extra at 10c for quantities over one peck; grain bags holding $2\frac{1}{2}$ bushels, 25c each.

Our corn described as "State Sealed" will not show the seals except in full bag lots of $2\frac{1}{2}$ bushels each.

Prices of corn are subject to change after February 15th. Ask for "Weekly Price List" after that date. Corn prices are certainly very low now, probably the lowest ever. Better place your order at once.

Note—Treat your corn with Semesan Jr. See page 75.



Ten Ears of Wisconsin No. 25, "The Earliest Corn." Grown by W. H. Jacques, Pierce County, Northern Wisconsin.

WISCONSIN NO. 25 (Northern Yellow Dent)

Earliest of All Wisconsin Varieties.



This is the corn for the extreme north, way up on Lake Superior. Earlier than any other dent variety and pronounced by the Wisconsin Experiment Station as "well adapted to the northern sections as a seed and silage variety." It originated at the Ashland Station, a cross of Wisconsin No. 8 and a very early yellow dent which Prof. Delwiche secured from Northern Michigan.

Our best Wisconsin No. 25 was grown by Mr. Jacques. The stock is State Certified and State Sealed and Verified. It is wonderfully fine stock, and not so very small either for such an early variety. Note the size of the ears in the illustration. Our other Wisconsin stock of this variety is all right, too, and it was grown from Jacques seed. The Northern Wisconsin Experiment Station has had yields of Wisconsin No. 25 as high as 90 bushels per acre on test plots.

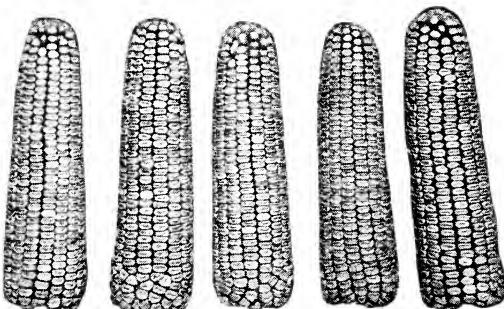
We recommend this corn for the extreme northern counties of Wisconsin and for the same latitude in other states. A little farther south plant Wisconsin No. 8 or Minnesota No. 13 and still farther south other Wisconsin varieties.

Jacques Stock: $\frac{1}{2}$ pk., 55c; pk., \$1.05; bu., \$3.10; $2\frac{1}{2}$ bus. at \$3.00; 10 bus. at \$2.85. Bags extra at 25c.
Other Wisconsin: Pk., \$1.00; bu., \$2.85; $2\frac{1}{2}$ bus. at \$2.75; 10 bus. at \$2.60. Bags extra.

Glenn Haesuer, Buffalo County, Wis., writes Oct. 7, 1931: "I am a member of the 4-H Club and took corn as my project. I bought my seed from your catalogue, Wisconsin No. 25. In spite of the drouth and early frost (August 30th) I had a yield of 139 bushels from two acres. Our club leader says this is a very good record. I received second prize at the Buffalo County Fair."

IMPROVED SMUT NOSE FLINT

Best of All Flints.



Jacques Minnesota No. 13.

MINNESOTA NO. 13

Minnesota's most famous variety of corn. Minnesota No. 13 is to Minnesota what Golden Glow is to Wisconsin, the outstanding variety for the State. A good 90-day corn, similar in type to Golden Glow. About a week earlier.

Our Wisconsin stock is all from Mr. Jacques and is State Certified. Mr. Jacques says: "In my opinion Minnesota No. 13 is as good a husking corn as there is for central Wisconsin. I like to grow such varieties as Wisconsin No. 8 and Minnesota No. 13 as my field of shelled corn is about the same as of the larger varieties."

Jacques Stock: $\frac{1}{2}$ pk., 55c; pk., \$1.00; bu., \$2.90; 10 bus. at \$2.65.
Nebraska Grown: Pk., 60c; bu., \$1.85; $2\frac{1}{2}$ bus. at \$1.75; 10 bus. at \$1.60.

NORTHWESTERN DENT

Another early variety, very popular in the Northwest. Reddish in color, with a fairly good sized ear. An extra early, maturing ordinarily in 80 to 85 days. We recommend it for extreme Northern Wisconsin and Minnesota and for North Dakota as a silo corn and in favorable seasons for husking. Stock is Wisconsin grown.

Prices: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$2.75; $2\frac{1}{2}$ bus. at \$2.65; 10 bus. at \$2.50.



Improved Smut Nose Flint.

NEBRASKA GROWN CORN.

The corn offered on this page is all Nebraska grown except the Red Cob Ensilage, which is Missouri grown. That means of course that it will all be later in maturing than Wisconsin corn. It is all good seed corn, however, is well graded and shows high germination tests. We like to see Wisconsin farmers and other Northern farmers order Wisconsin Grown Corn for their general planting as we know it will give the best satisfaction. For silage and for fodder of course the Nebraska corn will do very well, however, and the price, which is very low, will have its attraction.

REID'S YELLOW DENT.

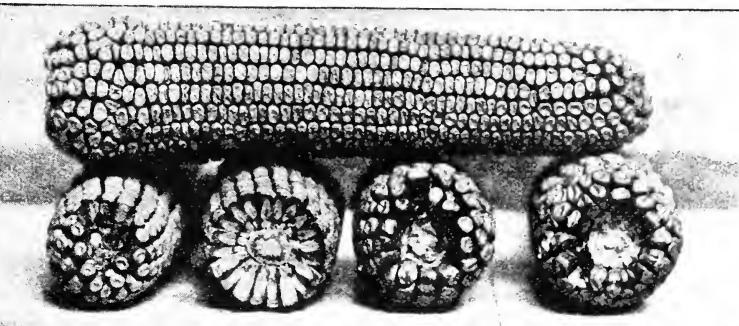
Reid's Yellow Dent is doubtless more largely grown throughout the corn belt than all other varieties of yellow corn combined. It is of a light golden color; ears long and solid, shelling 88 per cent grain and often better. It is the favorite for exhibition purposes. Because of its very large growth it is a very profitable variety to plant in the North for silo and in a very favorable season the ears will fully mature.

Prices: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$1.75; $\frac{1}{2}$ bus. at \$1.65; 10 bus. at \$1.50. Bags extra at 25c.

EVERGREEN SWEET FODDER CORN

A fodder grade of Stowell's Evergreen Sweet Corn. Exactly the same as our garden Stowell's Evergreen except not hand picked. See page 17.

Prices: $\frac{1}{2}$ pk., 70c; pk., \$1.25; bu. (45 lbs.), \$3.75; 10 bus. at \$3.50.

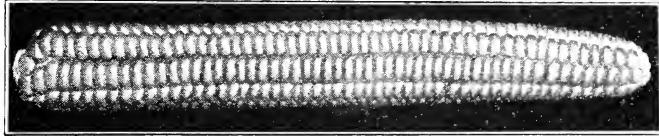


Reid's Yellow Dent, A Very Popular Large Yellow Corn.

GIANT RED COB ENSILAGE

A very large pure white corn with red cob. It grows the largest, doubtless, of any variety of corn and is the favorite for planting in the North for a large growth of green fodder. Does not ordinarily develop ears in the North. Missouri grown.

Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.50; $\frac{1}{2}$ bus. at \$1.40; 10 bus. at \$1.25. Bags extra at 25c each.



Early Longfellow, the Most Popular Flint.

EARLY LONGFELLOW FLINT.

The most popular of all flint varieties. It is a beautiful 8-rowed yellow flint, with long, straight ears, 10 to 15 inches long. Ripens in 75 days.

Prices: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$2.75; $\frac{1}{2}$ bus. at \$2.65; 10 bus. at \$2.50. Bags extra.

COMPTON'S EARLY YELLOW FLINT.

An extra early variety with large ears, averaging 10 inches in length, usually 12-rowed. Small, rich golden-yellow kernels.

Prices: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$2.65; 10 bus. at \$2.40.

SANFORD'S WHITE FLINT.

A heavy yielding, 8-rowed flint with large ears. The ears are 12 to 15 inches long with large, broad kernels of a flinty white color.

Prices: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$2.75; 10 bus. at \$2.50.

GENESEE VALLEY FLINT.

A heavy yielding flint, a little larger and a very little later than Longfellow, with a larger and a broader kernel. Reddish yellow instead of pure yellow. A very vigorous grower.

Prices: $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$2.65; 10 bus. at \$2.40.

Improved Leaming.

IMPROVED LEAMING

The Leaming is the oldest distinct variety of corn, having been originated in 1826. It is a standard yellow corn, well adapted to northern and central Illinois and the most of Iowa, and similar latitudes. In fact, it is grown with success in southern Wisconsin and is in great demand in the North for silage.

Prices: $\frac{1}{2}$ pk., 35c; pk., 60c; bu., \$1.75; $\frac{1}{2}$ bus. at \$1.65; 10 bus. at \$1.50. Bags extra.

TREAT YOUR SEED CORN WITH SEMESAN JR.

Destroys Disease Germs, Hastens Germination, Strengthens Growth, Increases Yield.



Semesan Jr. Increased the Yield 11.3 Bushels Per Acre in Iowa Tests.—Bulletin 108.

results were wonderful, for the corn was matured the 15th of September.—Albert Kortens, of Wisconsin.
Prices: 4 oz. size, 50c; 1 lb. size, \$1.75; 5 lb. size, \$8.00; 25 lb. size, \$31.25. Not mailable. (Ask for booklet, "Semesan Jr. for Seed Corn.")



OLDS' SEED OATS

WE SPECIALIZE IN SEED OATS

Wisconsin Pedigree Varieties. The Wisconsin Experiment Station here at Madison has given a lot of attention to the breeding and selecting of improved pedigree strains of oats best adapted to the Middle West and Northwest. In fact Wisconsin is outstanding among the states in that work and our Wisconsin Pedigree Varieties are gaining a reputation in other states besides our own.

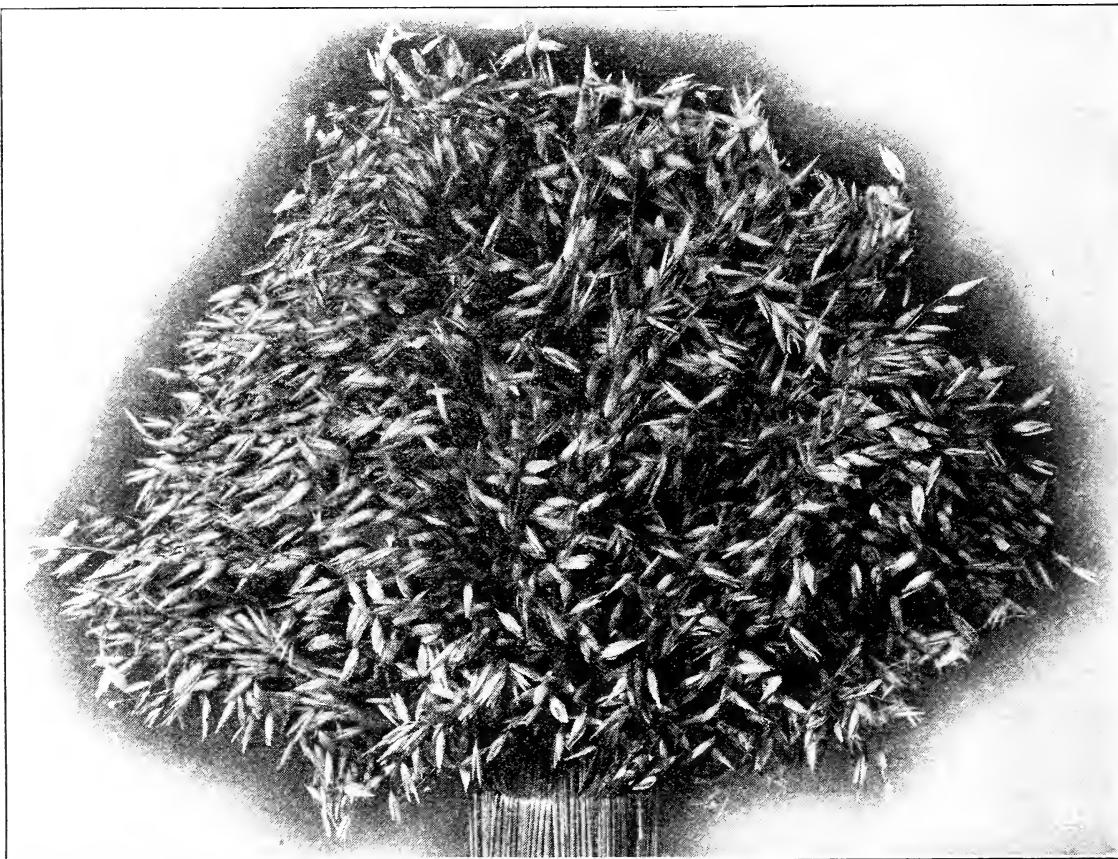
Our Stocks Produced With Great Care. Olds' Seed Oats are grown on contract by careful farmers around Madison. We furnish the stock seed, watching and inspecting the crops as they grow. All fields are entered for State Certified or Registered Seed. The oats are finally delivered at our warehouse, where we thoroughly clean and grade the grain with our modern cleaning machinery. We urge our customers to purchase liberally of this high grade seed when prices are so extremely low as they are this year. It pays to have clean seed.

REGISTERED SEED. Registered Seed as defined by the Wisconsin Experiment Association is seed that was grown from either foundation or registered seed, that has been both field inspected and sample inspected by the Experiment Association and shows a purity test of not less than 99.6 per cent. There must be not more than one kernel per pound of other varieties or kinds of grain, no noxious weed seeds, not more than 9 per pound of other weed seeds and not more than 2-10 per cent of inert matter. The grain must be grown from seed treated for smut and show not more than a trace of smut. Most of our growers treat with Ceresan. See page 78. Germination must be at least 90 per cent, weight not less than 30 pounds. By foundation seed is meant seed that was grown on the station farm.

CERTIFIED SEED. Certified Seed calls for the same inspections as Registered Seed, with freedom from noxious weeds, the purity test not less than 99.5 per cent. There must be not more than 5-10 per cent mixture of other varieties and not more than 9 per pound other kinds of grain, otherwise the same requirements as for Registered Seed.

STANDARD SEED. Our Standard Seed is nearly pure and about equal to the Registered and Certified Seed.

OFFICIAL TAGS. We use official certification tags authorized by the Wisconsin Experiment Association.



Prize Sheaf of State's Pride at one of the Grain Shows of the Wisconsin Experiment Association.

STATE'S PRIDE (WISCONSIN PEDIGREE NO. 7)



Most Popular Early Oat and Best Yielder of all Oats at Wisconsin Experiment Station Farm.

Description. State's Pride is a small yellow oat, bright and shiny, with a very thin hull. In fact it is about all meat, very heavy and a great oat for feeding. It is very early. Indeed the earliest of all varieties, some 25 or 30, grown at the Wisconsin Station. This enables it to escape rust.

It has a short stiff straw and has stood up the best of all oats at the Wisconsin Station Farm.

Another thing about this oat is its hardness. Prof. Leith says it is the hardest of anything, resists heat and withstands unfavorable conditions. It is fully recommended for rich soils where ordinary oats will not do well at all.

Prof. Leith says further: "This oat has been grown for 20 years at the Experiment Station and has given an average yield of 68.5 bushels per acre, a record which no other oat has equalled."

PRICES OF STATE'S PRIDE FOR 1932.

Registered Seed—By mail: Lb., 20c. By freight: Lb., 15c; $\frac{1}{2}$ pk., 25c; pk., 35c; bu., \$1.05. (Bushel sacks extra at 10c.) $\frac{1}{2}$ bus. at \$1.00; 10 bus. at 95c; 25 bus. or over at 90c. (Cotton grain bags extra at 25c.)

Certified Seed: Bu., 95c; $\frac{1}{2}$ bus. at 90c; 10 bus. at 85c; 25 bus. at 80c. Bags extra.

Standard Seed: Bu., 85c; $\frac{1}{2}$ bus. at 80c; 10 bus. at 75c; 25 bus. at 70c. Bags extra.

(All orders for less than one bushel will be filled from Registered Seed.) (We ship oats now in grain bags.)

WHITE CROSS (Wis. Pedigree No. 19)



"Finest Appearing Early Oat." Prof. B. D. Leith.

White Cross is a Pedigree variety developed at the Wisconsin Experiment Station.

In this variety the attempt has been made to produce a white oat of larger size than State's Pride but still maintaining the earliness and high yield. The result has been wonderfully satisfactory.

These are the outstanding features of White Cross:

First, it is extra early, almost as early as the famous State's Pride.

Second, it is white instead of yellow, with a good sized grain, making it as Prof. Leith says, "the finest appearing early oat."

Third, it is a heavy yielder, second only to State's Pride at the Wisconsin Experiment Farm and some years outyielding that variety.

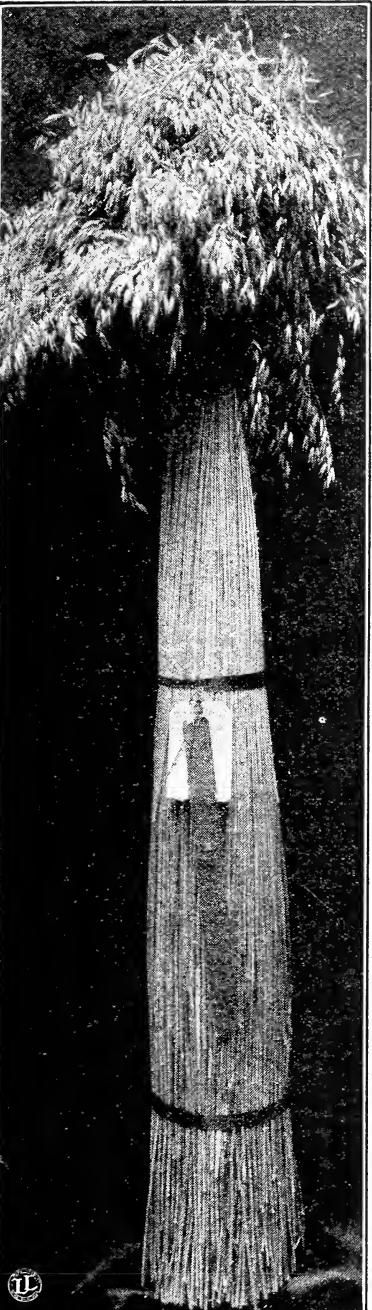
Fourth, it grows a taller straw than State's Pride and can always be easily harvested by the binder even on thin poor land.

Fifth, it is the best early oat for light soils, outyielding all other earlies.

PRICES OF WHITE CROSS FOR 1932:

Standard Seed: $\frac{1}{2}$ pk., 20c; pk., 35c; bu., 85c; $2\frac{1}{2}$ bus. at 80c; 10 bus. at 75c; 25 bus. at 70c. Bags extra at 25c.

(Note—Pound prices, all varieties of oats, same as for State's Pride.)



Sheaf of White Cross. First Prize Oats
at Wisconsin State Fair.

SWEDISH SELECT (Wis. No. 4)

For years considered "the best American Oat." Handsome in appearance, with short, thick, very plump kernels, pure white in color. Does best on clay soils.

Our Swedish Select are Northern Wisconsin grown, plump, heavy and fine.

Prices: Pk., 25c; bu., 80c; 10 bus. at 70c; 25 bus. or over at 65c. Bags extra.

Note—Oat prices are subject to change after Feb. 15th. Ask for "Weekly Price List" after that date. Order early before prices are advanced and before our stocks are exhausted. Good seed oats will be in demand. The total oat crop of the entire country for 1931 was 16 per cent less than for 1930.



Field of Forward Oats. (Courtesy of Prof. E. J. Delwiche.)

FORWARD (Wis. Pedigree No. 1241)

Successor to Silver Mine.

Forward is a new pedigreed variety of oats that we offered five years ago for the first time. It is a handsome, white, medium early, heavy yielding, plump variety that is giving splendid satisfaction in every way.

History. Forward is a selection from Silver Mine made in 1911, not at the Madison Station but at the Demonstration Station at Superior, being further improved at the Ashland Station.

Wisconsin Bulletin 340 describes it as follows:
"It has a white, fairly plump kernel of medium length. The variety stands out conspicuously as the best yielding oats for the northern, or Lake Superior region. It outyielded its nearest competitor by nearly 5 bushels per acre, and Pedigree 5 by 9.6 bushels. Forward is recommended as the best oat for the northern section of the state."

We are glad to have this oat to offer our customers as an improved strain of Silver Mine, which has long been a popular oat with the farmers of the Northwest. Pure white, plump, smooth, heavy, medium early.

PRICES OF FORWARD OATS FOR 1932:

Certified Seed: $\frac{1}{2}$ pk., 20c; pk., 30c; bu., 95c; $2\frac{1}{2}$ bus. at 90c; 10 bus. at 85c; 25 bus. at 80c.

Standard Seed: Pk., 25c; bu., 85c; $2\frac{1}{2}$ bus. at 80c; 10 bus. at 75c; 25 bus. at 70c.

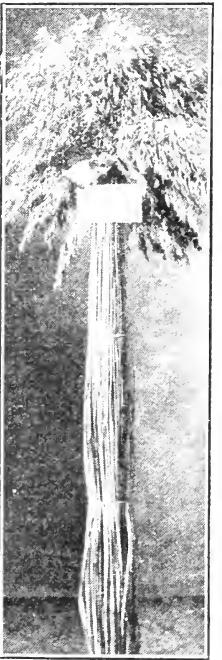
White Kherson (Iowa No. 103)

White Kherson or Iowa No. 103 is a distinct variety originated at the Iowa Experiment Station.

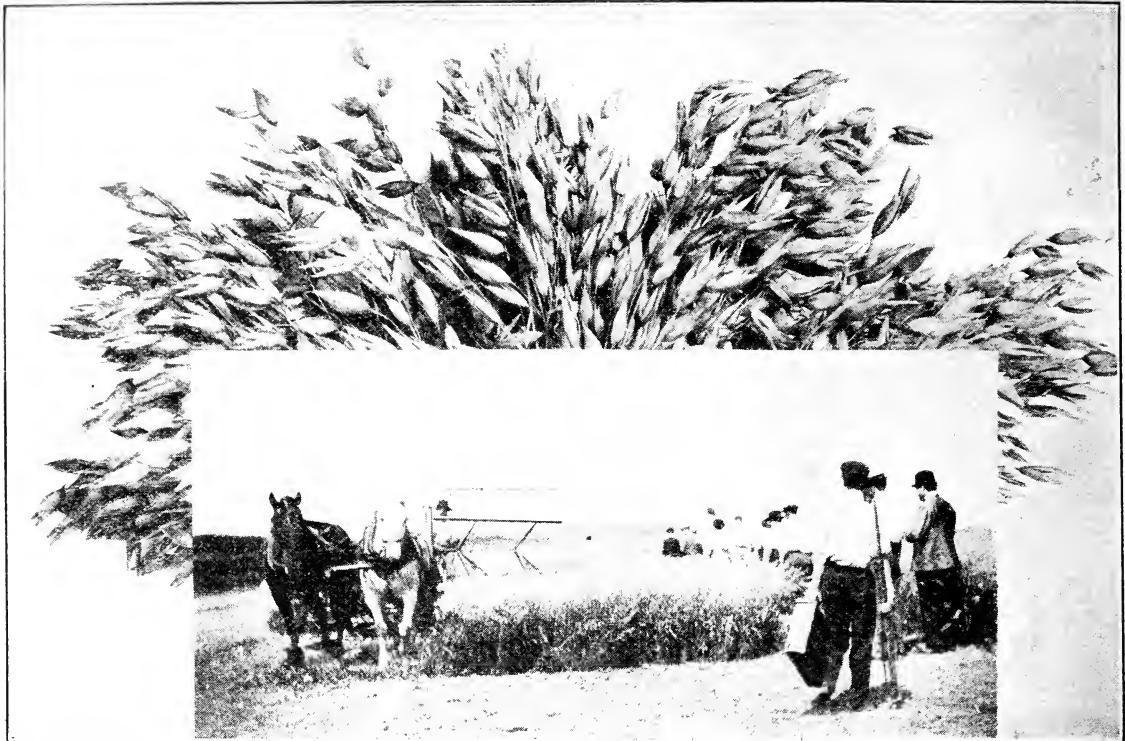
Prof. Burnett of the Iowa Agricultural College said of it: "Iowa No. 103 is a 'pure line.' It is an early white oat that resembles the Kherson in its manner of growth. It has outyielded Kherson both here at the Station and in farmers' tests."

We grew and handled White Kherson for a number of years and it gave splendid satisfaction to our customers both for yield and appearance. When White Cross came out we discontinued it. Some of our Wisconsin farmers, however, seem to have better yields from Iowa grown seed than from Wisconsin seed, so we secured some White Kherson from Iowa. These Iowa White Kherson are very fine, pure, clean, bright, heavy and plump.

Prices: $\frac{1}{2}$ pk., 20c; pk., 25c; bu., 80c; $2\frac{1}{2}$ bus. at 75c; 10 bus. at 70c; 25 bus. or over at 65c.



White Kherson.



Wisconsin Pedigree No. 1 on University of Wisconsin Farm. This Plat Yielded 110.6 Bushels Per Acre.

WISCONSIN PEDIGREE No. 1.

Probably the best all-around medium oat.

A wonderfully valuable oat first introduced by us 15 or more years ago. Out on the University Farm they called it the "best oat in the world," and Bulletin No. 340, issued in March, 1922, says: "The most popular oat in Wisconsin is the Wisconsin Wonder or Pedigree No. 1."

History. Wisconsin Pedigree No. 1 originated at the Wisconsin Experiment Station in 1901 from a variety called Wisconsin Wonder or Improved Bonanza. About 100 other new varieties of oats were started at the same time. After 14 years of careful breeding work, five pedigree varieties, which went by numbers, were given members of the Wisconsin Ex. Assoc. for trial. Pedigree No. 1 proved the best. It is medium in season.

Description. Wisconsin Pedigree No. 1 is a pure white oat, good sized, nice appearing, with rather long kernels. We offer Registered, Certified and Standard seed, all choice stocks, all Wisconsin grown.

PRICES OF WISCONSIN PEDIGREE NO. 1 FOR 1932:

Registered Seed: $\frac{1}{2}$ pk., 25c; pk., 35c; bu., \$1.00; $\frac{1}{2}$ bus. at 95c; 10 bus. at 90c; 25 bus. at 85c.
Certified Seed: Pk., 30c; bu., 90c; $\frac{1}{2}$ bus. at 85c; 10 bus. at 80c; 25 bus. at 75c.
Standard Seed: Bu., 80c; $\frac{1}{2}$ bus. at 75c; 10 bus. at 70c; 25 bus. or over at 65c. Bags extra.

WISCONSIN PEDIGREE No. 5

Of all the splendid Wisconsin varieties of oats, Wisconsin Pedigree No. 5 is the plumpest and finest appearing. The kernels are large, thick, pure white and most attractive.

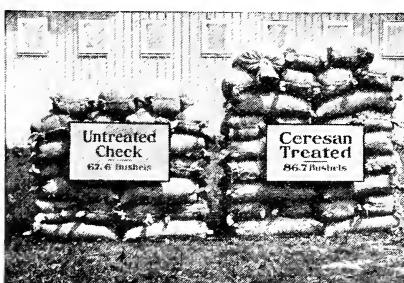
History. Wisconsin Pedigree No. 5 is a pure-line selection from the Swedish Select, which was obtained from the U. S. Department of Agriculture in 1898. It was sent out by the Wis. Ex. Station about 1913.

Description. Wisconsin Pedigree No. 5 grows medium to tall in height with large, thick, spreading heads. Heavy in weight, and great yielders, always standing well up toward the top in yield per acre.

Perhaps the only fault they have is that they have a tendency to lodge on rich soils. They are all right for clay soils and ordinary light soils but we do not recommend them for rich, black soils. In season about medium.

Prices. Standard Seed: $\frac{1}{2}$ pk., 20c; pk., 25c; bu., 85c; $\frac{1}{2}$ bus. at 80c; 10 bus. at 75c; 25 bus. at 70c. Grain bags extra at 25c.

TREAT OATS WITH CERESAN TO PREVENT SMUT



Ceresan increased this oats yield 19.1 bushels per acre and gave perfect smut control.

At the Illinois Experiment Station Ceresan not only gave "perfect smut control" but also checked other diseases. In one experiment at Illinois, Ceresan increased the yield 14.2 bushels per acre. In another experiment with Big Four Oats there was an increase of 19.1 bushels per acre.

"Ceresan has given very good control of oat and barley smuts. * * * * It is common to secure an increase of 10 or more bushels per acre when the seed is given the dust treatment." (Wis. Coll. of Agr. Circular No. 133.)

Ceresan does not injure the seed or the grain drill. No special equipment is necessary. Simply shake the grain and Ceresan together for 3 to 5 minutes in a discarded milk can, churn or oil drum. A pound treats 5 or 6 bushels.

We recommend very strongly that all our customers treat their grain with Ceresan.

(Ask for folder, "Ceresan, a Seed Disinfectant for Cereals," also "Wis. Circular No. 133.")



Prices:

1 lb. size,	75c.
5 lb. size,	\$3.00.
25 lb. size,	\$12.50.
100 lb. size,	\$49.00.
(Not mailable.)	

OLDS' SEED BARLEY

Wisconsin Pedigree Varieties. Our agronomists at the Wisconsin College of Agriculture have been just as much interested in the development of improved strains of barley as improved strains of oats and wonderful progress has been made through the years, beginning with Manshury Barley away back in 1895. These improved Pedigreed Varieties have put Wisconsin on the map as a great barley state so that Wisconsin barleys now lead the world.

We Are Headquarters for Barley. Our stocks are carefully grown for us from registered seed in state inspected fields and the stocks are pure and clean. We offer "Registered Seed," "Certified Seed" and "Standard Seed," the same as for the pedigree varieties of oats. See page 76 for explanation of "Registered" and "Certified."

Change Your Seed This Year when prices are so low and you can do it at small expense. Increase your yield by sowing clean seed of these improved and high productive pedigree strains. Ask for Wisconsin Bulletin No. 212, "Barley in Wisconsin."

Barley prices are subject to change after Feb. 15th. Order early before the prices advance and before our stocks are exhausted. The total barley crop of the United States for 1931 was one-third less than the 1930 crop.

WISCONSIN BARBLESS (Pedigree No. 38)

The New, Heavy Yielding, Smooth Awn Barley.

 We take great pleasure in offering this wonderful new Wisconsin Pedigreed Strain of Smooth Awn or Smooth Bearded Barley. It is "the last word" in barley and it should be sown universally the coming season by all farmers who grow barley at all.

History. Work on Wisconsin Barbless began at the Wisconsin Experiment Station way back in 1916 when a black, smooth barley found growing in southern Russia was crossed with Oderbrucker. The object was to combine the yield, stiffness of straw and high quality of the Oderbrucker with the smooth awn of this Russian barley. When the first smooth, white heads appeared then the careful selections began for size of head, strength of straw, large kernel and disease resistance. The best selections were retained each year until all objectionable features were eliminated.

THE VALUABLE FEATURES OF WISCONSIN BARBLESS ARE:

First—Smooth Beards. This makes the barley nice to handle. Some farmers say they would just as soon handle this barley as to handle oats.

Second—Resistance to Hot Weather. This barley is reported as from three to five days later than Oderbrucker and other rough bearded barley. This is not an objection but an advantage as it simply adds to the maturity period producing a larger kernel than the earlier varieties.

Third—Heavy Yielding Qualities. Our farmer growers around Madison have almost invariably secured heavier yields of this barley than they ever had of the old Wisconsin Pedigree. One had a yield of 63 bushels per acre. The barley looks the same growing in the field as the old Wisconsin Pedigree but the kernels are plumper and larger and the heads longer. This explains the extra heavy yield. Krueger Farms reported a yield of 632 bushels from 9 acres, or over 70 bushels per acre. The Wisconsin agronomists say, "While the yields varied somewhat with the season they always exceeded any of the common barleys tested against it." Sow Wisconsin Barbless therefore for a better barley with a bigger yield.

PRICES OF WISCONSIN BARBLESS NO. 38 FOR 1932:

Registered Seed—By mail: Lb., 25c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 25c; pk., 45c; bu. (48 lbs.), \$1.35; 2 bus. at \$1.30; 10 bus. at \$1.25; 25 bus. or over at \$1.20. Bags, holding two bushels each, extra at 25c.

Certified Seed—Pk., 40c; bu., \$1.25; 2 bus. at \$1.20; 10 bus. at \$1.15; 25 bus. at \$1.10.

Standard Seed—Pk., 35c; bu., \$1.15; 10 bus. at \$1.05; 25 bus. at \$1.00.

WISCONSIN BARBLESS (Pedigree No. 37)

The same as Wisconsin Barbless No. 38 except that it was released a year earlier. No. 38 may be a little more uniform but for yield there is practically no difference.

Prices—Certified Seed: Pk., 40c; bu., \$1.20; 2 bus. at \$1.15; 10 bus. at \$1.10; 25 bus. or over at \$1.05. Bags extra.

Standard Seed—Pk., 35c; bu., \$1.10; 2 bus. at \$1.05; 10 bus. at \$1.00; 25 bus. or over at 95c.



Velvet Barley on Krueger Farms. Yield, 57 Bushels Per Acre.

VELVET BARLEY (Minnesota No. 445)

This is the fourth season we have offered Velvet Barley. It is "Smooth-Awned" or "Barbless," the same as Wisconsin Barbless and has the same general characteristics. It was developed at the Minnesota Experiment Station in much the same way that Wisconsin Barbless was developed at the Wisconsin Station, but because put on the market earlier we think the selecting was not carried quite so near to perfection as in the case of our Wisconsin strains.

Prices: $\frac{1}{2}$ pk., 20c; pk., 35c; bu., \$1.05; 2 bus. at \$1.00; 10 bus. at 95c; 25 bus. or over at 90c. Grain bags extra at 25c.



OLDS' SEED WHEAT



Field of Progress Wheat in Jefferson County. Farm of George H. Leonard.

PROGRESS WHEAT (Wisconsin Pedigree No. 1611)

Progress is by all odds the best variety of spring wheat for Wisconsin. The outstanding feature about it is that it does not rust. It is a bearded, hard red spring wheat, and is one of the highest yielders.

Prices, Certified—By mail: Lb., 25c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.50; 2 bus. at \$1.45; 10 bus. at \$1.40; 25 bus. at \$1.35. Bags extra at 25c.
Standard: Pk., 45c; bu., \$1.40; 2 bus. at \$1.35; 10 bus. at \$1.30; 25 bus. at \$1.25.

MARQUIS SPRING WHEAT

A standard variety of hard red spring wheat. The grains are short and thick. A strictly beardless wheat.
Prices, Fancy Montana. By mail: Lb., 25c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.45; 2 bus. at \$1.40; 10 bus. at \$1.35; 25 bus. or over at \$1.30. Bags extra.

DURUM WHEAT (Macaroni).

Durum usually outyields other spring wheat; is very hardy and is earlier. Our stock is extra fancy.

Prices: Pk., 50c; bu., \$1.45; 2 bus. at \$1.40; 10 bus. at \$1.35. Smaller quantities same as Montana Marquis.

WISCONSIN PEDIGREE NO. 2 WINTER. Hardiest and best winter wheat for Wisconsin and Northwest.
Prices: Registered Seed: $\frac{1}{2}$ pk., 25c; pk., 45c; bu., \$1.40; 2 bus. at \$1.35; 10 bus. at \$1.30; 25 bus. at \$1.25.
Standard Seed: Pk., 45c; bu., \$1.30; 2 bus. at \$1.25; 10 bus. at \$1.20; 25 bus. at \$1.15. Bags extra.

WISCONSIN PEDIGREE BARLEY.

Wisconsin Pedigree Barley has for years held its place as the leading variety of six-rowed barley. It is probably as good now as ever and will continue to be grown by the farmers of Wisconsin and other mid-western states for a reliable profitable crop. It has doubled the yield of common barley and has been worth millions of dollars to the farmers of Wisconsin alone. Change your seed this year.

Prices, Registered Seed—By Mail: Lb., 20c. By freight: Lb., 15c; $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.20; 2 bus. at \$1.15; 10 bus. at \$1.10; 25 bus. or over at \$1.05. Bags, holding two bushels each, extra at 25c.

Certified Seed: Bu., \$1.10; 2 bus. at \$1.05; 10 bus. at \$1.00; 25 bus. or over at 95c.

Standard Seed: Bu., \$1.00; 2 bus. at 95c; 10 bus. at 90c; 25 bus. at 85c. Bags extra.

SPELTZ OR EMMER.

Farmers ought to sow more Speltz. It makes splendid feed and lots of it. Note the following points:

First. It is perfectly hardy and can be grown anywhere.

Second. It yields more per acre than either oats or barley.

Third. It is adapted to dry regions. Withstands drouth.

Fourth. It stands up when oats and barley lodge.

Fifth. It makes well balanced ground feed for horses, cattle or hogs, as the large hull gives it the lightness of oats, while the double kernel furnishes a rich meal much like ground rye feed.

Sow the same as barley or oats about 100 pounds or $2\frac{1}{2}$ bushels per acre. It ripens about with oats.

Prices: By mail: Lb., 20c. By freight: Lb., 15c; $\frac{1}{2}$ pk., 20c; pk., 30c; bu. (40 lbs.), 90c; 100 lbs., \$2.00; 500 lbs. at \$1.95; 1,000 lbs. at \$1.90. Jute sacks (100-lb.), extra at 10c.

OLDS' BUCKWHEAT.

Sow buckwheat from June 10 to July 10, one bushel per acre.

JAPANESE.

Large, of dark brown color. Higher in market than Silver Hull.
Prices: By mail: Lb., 20c. By freight: Lb., 15c; $\frac{1}{2}$ pk., 25c; pk., 40c; bu. (50 lbs.), \$1.20; 2 bus. at \$1.15; 10 bus. at \$1.10; 25 bus. at \$1.05. Bags extra at 25c.

SILVER HULL.

Silver Hull has a rather small grain, light gray in color, nearly round in shape. Earlier than Japanese according to the Wisconsin College of Agriculture.
Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.15; 2 bus. at \$1.10; 10 bus. at \$1.05; 25 bus. or over at \$1.00. Bags extra. Buckwheat prices subject to change.

COMMON.

Our Common Buckwheat is really Silver Hull with some Japanese mixed with it. It is clean and nice and lower in price than the others.
Prices: Pk., 35c; bu., \$1.10; 2 bus. at \$1.05; 10 bus. at \$1.00; 25 bus. at 95c.

Ask for Wisconsin Circular No. 75, "Why Buckwheat."



Sheaf of Emmer or Speltz.

OLDS' SEED RYE

SPRING RYE.

Spring Rye is a valuable crop. Here are some of its good qualities:
First. It can be sown late in the spring, later than other spring grain.
Second. It is a splendid nurse crop for clover, as the crop is harvested early.
Third. It makes splendid pasture, furnishing green feed early in the spring.
Fourth. It does well on nearly all soils and can be grown on very poor land.
Fifth. It is a sure cropper, producing ordinarily 30 to 40 bushels per acre.
Prices, by mail: Lb., 25c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 30c; pk., 50c; bu. (56 lbs.), \$1.45; 2 bus. at \$1.40; 10 bus. at \$1.35; 25 bus. at \$1.30. Bags extra.

WISCONSIN PEDIGREE NO. 6 WHITE WINTER RYE

Wisconsin Pedigree No. 6 is a new strain of Winter Rye recently released by the Wisconsin Experiment Station and that we now offer for the first time.

Prof. Leith says, "The Pedigreed White Rye is the result of an effort to get a nicer appearing rye than we had in the old Pedigree Schlanstedt and meet the expectations of millers and bakers who were stating a preference for the lighter colored ryes. They tell me that the lighter colored ryes not only go further in the flour mixture, but they make a better quality flour."

This new rye is just as good a yielder if not better than the old Wisconsin Pedigree and it has a big advantage in quality. It is also shorter in straw.

Prices, by mail: Lb., 25c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.50; 2 bus. at \$1.45; 10 bus. at \$1.40; 25 bus. at \$1.35. Bags extra.

WISCONSIN PEDIGREE WINTER RYE. Prices: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.25; 2 bus. at \$1.20; 10 bus. at \$1.15.

ROSEN WINTER RYE. Prices, same as for Wisconsin Pedigree.

OLDS' FLAX SEED

WILT RESISTANT. Wilt Resistant Flax, developed at the Minnesota Experiment Station is much superior to Common Flax. A profitable crop for Wisconsin.

Prices, by mail: Lb., 30c. By freight: Lb., 25c; $\frac{1}{2}$ pk., 50c; pk., 90c; bu., \$2.65; 2 bus. at \$2.60; 10 bus. at \$2.55; 25 bus. at \$2.50. Bags extra at 25c.

BISON. A new variety of Wilt Resistant Flax recently produced at the Minnesota Station. Very large seeded and unusually promising.

Prices, by mail: Lb., 35c. By freight: Lb., 30c; $\frac{1}{2}$ pk., 55c; pk., 95c; bu., \$2.90; 2 bus. at \$2.85; 10 bus. at \$2.80; 25 bus. at \$2.75. Bags extra.

OLDS' FIELD PEAS.



Field Peas at the Ashland Branch Station. (Courtesy of Prof. Delwiche.)

OLDS' WHITE CANADA FIELD PEAS.

Field Peas should be sown more largely. They make splendid hay. Sow 1 to $1\frac{1}{2}$ bus. per acre broadcast with the same amount of oats. White Canada is the best known and most popular variety of field peas. Another good mixture recommended by leading county agents is $\frac{1}{2}$ bu. each of Field Peas, State's Pride Oats, Barless Barley and Progress Wheat.

Prices, by mail: Lb., 30c. By freight: Lb., 25c; $\frac{1}{2}$ pk., 55c; pk., \$1.00; bu. (60 lbs.), \$3.40; 100 lbs., \$5.50; 500 lbs. at \$5.25. Sacks free.

(Ask for Wis. Bul. 408, "Field Peas in Wisconsin.")

DWARF ESSEX RAPE.

Dwarf Essex Rape makes quick pasture and is very valuable feed. It is ideal for sheep pasture, and is also now largely sown for hogs and cattle. It may be sown in the following ways:

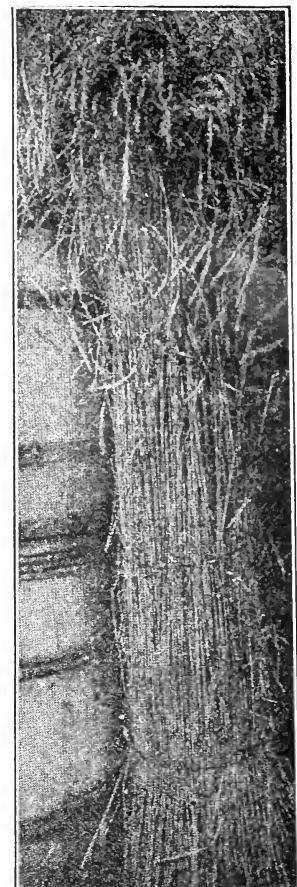
First. In early spring, 5 to 10 pounds per acre.

Second. With spring grain or just as it begins to come up, 2 pounds per acre to provide pasture after harvest.

Third. With corn just before the last cultivation.

A word about the seed. We handle only the best and purest Genuine Holland Dwarf Essex; seed that is entirely free from bird rape, mustard and everything of that sort. Seed is lower in price than ever this year.

Prices, by mail: Lb., 35c. By freight: Lb., 30c; 5 lbs., \$1.00; 10 lbs., \$1.50; 25 lbs., \$2.25; 100 lbs., \$6.50; 500 lbs. at \$6.25. Bags free.



WHITE NAVY BEANS.

Prices, by mail: Lb., 30c. By freight: Lb., 25c; $\frac{1}{2}$ pk., 65c; pk., \$1.10; bu., \$3.40; 100 lbs., \$5.50; 500 lbs. at \$5.25. Bags free.

EARLY WONDER BEANS.

An improved strain of white beans of the Navy type.

Prices, by mail: Lb., 30c. By freight: Lb., 25c; pk., \$1.10; bu., \$4.00; 100 lbs., \$6.50; 500 lbs. at \$6.25.

Spring Rye.

WHITE KAFFIR CORN.

Makes the best kind of fodder for cattle or horses. Easily grown. The seed is splendid for poultry.

Fifteen pounds will seed an acre in rows.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$2.90; 500 lbs. at \$2.75. Sacks free.

MILO MAIZE.

Prices: 100 lbs., \$3.00; 500 lbs. at \$2.85. Smaller quantities, same prices as Kaffir.



Dwarf Essex Rape Makes The Ideal Sheep Pasture.

OLDS' SOY BEANS

Soy Beans are a staple crop now in Wisconsin as well as in other states. Our sales last year were greatly increased over the sales of the year before and with the very low prices in effect we will sell still more this year. The crop is again fine—clean, bright and high in germination.
"When Clover Fails Plant Soy Beans," slogan of Wisconsin College of Agriculture.



Soy Beans on the Experiment Station Farm, Madison. (Courtesy Wisconsin College of Agriculture.)

WHY GROW SOY BEANS?

First. They yield large amounts of high protein forage, rich in feeding value. They not only make splendid hay, but are wonderful for silage, grown with corn.
Second. They contain as much fertility per acre as eight loads of stable manure.
Third. The mature beans ground into meal make wonderful high protein dairy feed.
Fourth. Soy Beans are more resistant to frost than corn and they also stand hot weather.
Fifth. They are adapted to nearly all soils and are especially valuable on soils too poor for other legumes.
Sixth. They are the only legume crop that will grow on acid soils and build up the land.
Seventh. They make a wonderful emergency crop when clover fails or when other crops are washed out or fail for any reason, as they can be put in late. Prof Mortimer places them first in the list of "Emergency Hay Crops."
CULTURE. If planted with corn 3 beans in each hill of corn is about right and this requires 3 to 5 pounds per acre. If planted alone, for hay or seed, in rows with corn planter or drill, a half bushel or a bushel of seed per acre may be profitably used, the beans about one inch apart in the row. Rowing and cultivating, however, is not necessary. Thousands of farmers now are planting in solid drill, using a harrow and caring for large fields at small expense. Do not plant too early. Never before corn planting time. Always inoculate the seed before planting. See page 67. Ask for Wisconsin Bulletin No. 375, "Soy Beans a Good Legume Crop."



VARIETIES OF SOY BEANS

MANCHU

By far the most popular soy bean in all the states of the Middle West. It has jumped into prominence ahead of everything else. Early enough to fully mature under ordinary conditions and large enough to be of real value. It is a medium early variety, nearly as early as Ito San and quite a little larger. Matures dry beans in about 100 days. Originally from northern Manchuria.

The favorite at the Wisconsin Experiment Station for hay and for silage and also for dry beans.

Prices: By mail: Lb., 25c; 3 lbs., 60c. By freight: Lb., 20c; $\frac{1}{2}$ pk., 25c; pk., 45c; bu., \$1.40; 100 lbs., \$2.25; 500 lbs. or over at \$2.15. Sacks free.

ITO SAN

Popular early variety. Produces small yellow beans. Prices: $\frac{1}{2}$ pk., 30c; pk., 50c; bu., \$1.50; 100 lbs., \$2.50; 500 lbs. or over at \$2.40. Sacks free.

"The chief value of soy beans in most sections of Wisconsin is undoubtedly as a hay crop. Especially in the sandy sections of the state, soy beans are of great importance as a source of legume hay for stock feeding. On heavier soils, soy beans are one of the best emergency hay crops to grow when clover or alfalfa winterkills."—Bulletin 375, "Soy Beans a Good Legume Crop."

ILLINI

Illini is a new Soy Bean which we offered for the first time two years ago. Developed at the Illinois Experiment Station from A. K. Described as a better yielder than other varieties, taller and with pods higher on the stem. One grower says it is like Manchu but a little larger and also a little earlier. Another grower says, "Earlier by at least a week than the Manchu and I believe will stand better in the field." The authorities at Urbana, however, think them a trifle later than Manchu.

Illini and Manchu are now the leading varieties in Illinois and Illini is displacing Manchu in some sections. It is likely to become very popular in Wisconsin as it is a little taller and larger than Manchu. Prof. Briggs, Soy Bean specialist at the Wisconsin College of Agriculture, says "I don't feel you will make a mistake offering this bean for sale for hay purposes in Wisconsin, or as far as that is concerned, with corn for silage."

Prices: $\frac{1}{2}$ pk., 25c; pk., 45c; bu., \$1.40; 100 lbs., \$2.25; 500 lbs. at \$2.15. Sacks free.

NOTE:—Prices are subject to change after Feb. 15th. Consult "Weekly Price List." We advise ordering early. Prices are very low now, the lowest probably ever known, but may be higher before spring. All prices include sacks. 2-oz. pkt. any variety soy beans 5c, postpaid. Pound prices, all varieties, same as for Manchu.

OLDS' SUDAN GRASS.

"GREAT FOR LATE PASTURE"—(Wis. Coll. of Agr.)

Sudan Grass is another comparatively new item that has now become a staple in the list of Wisconsin forage crops. We sold just twice as many pounds of Sudan Grass seed last year as we sold the year before, in spite of the fact that the price was high. This year with the price ridiculously low, about one-third as much as last year, we expect a very great demand.

OLD'S SEED CO., MADISON, WIS.
Prof. Mortimer, of the Wisconsin College of Agriculture, places Sudan Grass second in value on the list of "Emergency Hay Crops," next to soy beans and better than millet or field peas. The following are some of the reasons why it is valuable:

First. It makes a heavy yield of hay, outranking all the millets in yield per acre. Yields of 2 to 4 tons of cured hay per acre from one cutting are common in Wisconsin. Two cuttings a season can often be made.

Second. It can be pastured. After the hay crop is taken off it makes a fine late pasture as it grows up again quickly. Or, it can be pastured all the season instead of being cut for hay. Prof. Mortimer says: "It is great for late pasture. Sown in June it is ready in August when the blue grass pasture is dried up."

Third. It makes a better quality hay than millet and is easily cured. It makes wonderful hay grown with soy beans and helps to cure them.

Fourth. It can be sown late, after you are through with your corn, or when corn fails. Sow any time from May 15th to July 1st, 20 to 25 pounds per acre. Do not sow too early. It is strictly a warm weather crop and if put in too early the seed will rot.

Fifth. It withstands long periods of drought.

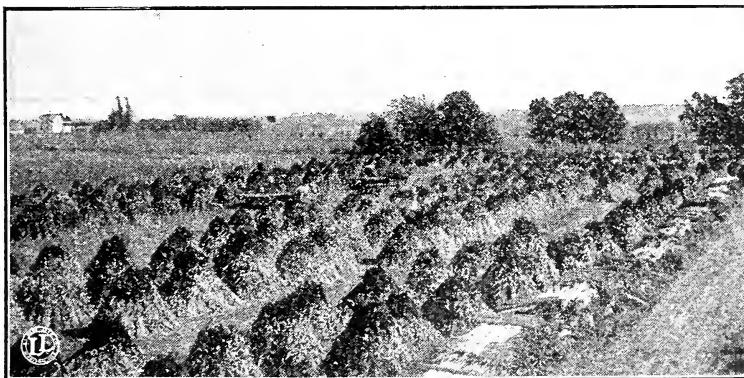
Sixth. It is very valuable as a smother crop, especially for quack.

We recommend Sudan Grass very highly. It grows quickly, produces enormously and is an easy crop to handle. It is strictly an annual and dies down at the end of the season.



Sudan Grass and Soy Beans Growing Together.
(Courtesy Wisconsin College of Agriculture)

Prices, by mail: Pkt., 5c; lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 40c; 10 lbs., 60c; 100 lbs., \$3.75; 500 lbs. or over, at \$3.60. Sacks included.
(Ask us for Wisconsin Bulletin No. 359, "Emergency Hays and Pastures.")



Field of Olds' Improved Early Amber, Grown in Minnesota.

OLDS' EARLY AMBER CANE (SORGHUM)

OLD'S SEED CO., MADISON, WIS. Olds' Early Amber Cane Seed is Minnesota grown and from the largest sorghum growers in the United States, where they make a business of scientifically producing cane with the highest possible sugar content. The seed is absolutely pure Early Amber.

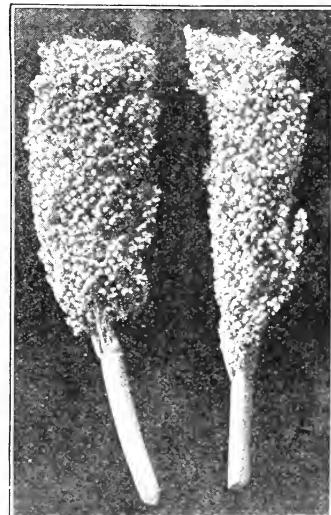
Prices, by mail: Lb., 30c; 3 lbs., 75c. By freight: Lb., 25c; 5 lbs., 50c; 10 lbs., 75c; 100 lbs., 500 lbs. at \$3.35. Sacks free.

SOUTHERN EARLY AMBER CANE.

Use for fodder only. Not equal to our Minnesota seed but good.

Prices: 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$2.50; 500 lbs. at \$2.35.

Note—Sacks free for everything on this page. Write for special prices in large quantities. All Field Seed prices are subject to change after February 15th. Ask for "Weekly Price List" after that date.



Feterita, the Great Drought-Resister.

FETERITA.

Earlier than Kaffir Corn, out-yields it and little affected by drought. Culture, same as for Kaffir.

Prices, by mail: Lb., 25c; 3 lbs., 50c. By freight: Lb., 20c; 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$3.00; 500 lbs. at \$2.85. Sacks free.

OLDS' MILLETS, SUNFLOWER, SAND VETCH.

WHITE WONDER MILLET

THE BEST MILLET.

White Wonder is the best of all the millets in our judgment.

First. It produces more tons of hay per acre than any other millet.

Second. In spite of the very large growth the foliage is thick, with numerous broad leaves so that it furnishes a high grade of millet hay.

Third. White Wonder is earlier than either German or Common Millet and is well adapted to the north.

Fourth. It outyields any other millet as a seed crop. C. L. Newhouse, of Rock County, Wisconsin, secured an average yield of between 50 and 60 bushels of seed per acre, one field yielding 75 bushels per acre.

Our White Wonder this year is Wisconsin grown. No question about its being adapted and acclimated.

Prices, by freight: 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$2.75; 500 lbs. at \$2.60. Bags extra at 25c.

JAPANESE MILLET. (Billion Dollar Grass). A very large millet adapted to all sections. Specially fine for low ground. Makes more hay than German Millet and requires less seed per acre. Sow in May or June, 20 to 25 pounds per acre. Our stock is Wisconsin grown.

Prices: 5 lbs., 50c; 10 lbs., 75c; 100 lbs., \$4.00; 500 lbs. or over at \$3.85. Bags extra. (One pound, any variety of millet, by mail, 25c; 3 lbs., 60c. By freight: Lb., 20c.)

MAMMOTH RUSSIAN SUNFLOWER.

A great feed for poultry and hogs. Also grown quite largely now for silage. Also for sheep pasture. It makes a much larger amount of feed than ensilage corn. Prof. E. J. Delwiche of the Ashland Experiment Station, reports that sunflower greatly outyielded corn for the tenth consecutive season, yielding 14.4 tons of silage per acre while corn yielded only 4.22 tons.

Prices, by mail: Pkt., 5c; lb., 35c; 3 lbs., 80c. By freight: Lb., 30c; 5 lbs., 75c; 10 lbs., \$1.25; 100 lbs., \$6.00; 500 lbs. at \$5.75. Bags free.

(Ask for Wisconsin Circular No. 220, "Sunflowers for Silage.")

SAND VETCH OR WINTER VETCH.

A very valuable leguminous plant, especially for lighter soils. Can be sown in either spring or fall. Sow 15 to 20 pounds of vetch and $\frac{1}{2}$ bushel grain per acre, oats or barley in the spring, rye in the fall. Makes splendid hay, also fine fall and winter pasture and it can also be pastured in early spring.

Prices, by mail: Lb., 35c; 3 lbs., 90c. By freight: Lb., 30c; 5 lbs., \$1.00; 10 lbs., \$1.75; 100 lbs., \$13.25; 500 lbs. at \$13.00. Bags free.

Japanese Millet.

Note—All Field Seed prices are good until February 15th only. Ask for "Weekly Price List" after that date.

Sand Vetch and Rye as Emergency Hay Crop.

(Courtesy Wis. Coll. of Agr.)



GERMAN MILLET.

Most popular of all the millets. A tall growing variety with large stout stems, leaves broad and stiff. Seed of a yellow or golden color. For seed sow at the rate of 12 to 15 pounds and for hay sow about 30 to 40 pounds per acre. Millet may be sown from May 15th to July 1st. Prices, by freight: 5 lbs., 40c; 10 lbs., 60c; 100 lbs., \$3.00; 500 lbs. at \$2.85. Grain bags extra at 25c.

COMMON MILLET. A little earlier in season than German Millet. Leaves are rather broad and not as stiff as German, and seed heads are smaller. Seed is white instead of yellow. Many farmers prefer it to German.

Prices: 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$2.65; 500 lbs. at \$2.50. Grain bags extra.

SIBERIAN MILLET. Hardier and earlier than German Millet. Reddish seed. Popular in the Northwest.

Prices: 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$2.75; 500 lbs. at \$2.60. Bags extra.

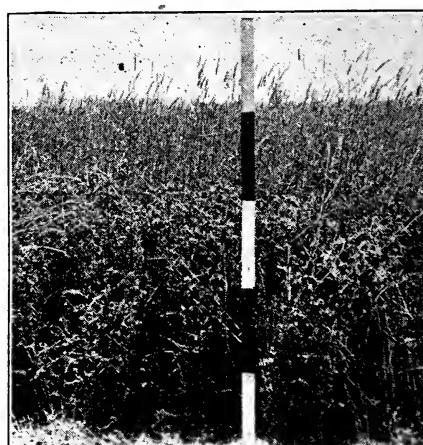
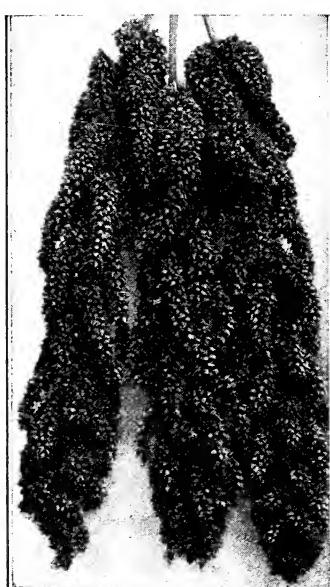
HOG OR BROOM CORN MILLET. Makes inferior hay, unless cut very young, but yields enormous quantities of large, plump seed, very valuable for poultry.

Prices: 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$2.50; 500 lbs. at \$2.35. Bags extra.

MAIZE OR CORN MILLET. Makes excellent hay, unless cut very young, but yields enormous quantities of large, plump seed, very valuable for poultry.

Prices: 5 lbs., 35c; 10 lbs., 50c; 100 lbs., \$2.50; 500 lbs. at \$2.35. Bags extra.

Samples Free. We are always glad to send free samples of any of the Field Seeds. Also to quote special prices on large quantities and to answer any questions.



OLDS' SEED POTATOES

CERTIFIED STOCK. Most of our potatoes are state certified. This means that they were inspected while growing in the field by an official state inspector and again in the bin after being dug and both times passed the necessary requirements. The stock is free from mixture, free from late blight rot, black leg, powdery scab and from serious infection with any other disease and conforms reasonably to the correct vine and tuber characteristics of the variety.

U. S. GOVERNMENT GRADE NO. 1. We offer at lower prices, stock of most varieties that is uncertified, but that conforms to the requirements of U. S. Grade No. 1. That is, stock that is practically free from scab, blight, dry rot and damage caused by disease and graded to a minimum size of 1 $\frac{1}{8}$ inches. The stock is all northern grown, coming from the same sections as the certified stock and practically pure. It is very desirable seed stock.

CONTAINERS FREE. Our barrels contain exactly 172 pounds each, net weight, and prices include barrels. Smaller orders are shipped in sacks or boxes. No charge for containers of any kind for potatoes. We begin shipping in March, refrigerator service and lined barrels up to April 1st. After that we ship mostly in 100-pound sacks. (Ask for Wisconsin Bulletin No. 218, "Healthy Potatoes and How to Produce Them.")



OLDS' IMPROVED RED RIVER EARLY OHIO

The well known dependable all-around early variety.



Early Ohio has long been the most popular early potato in the country. Its earliness, smoothness and shallow eyes are its outstanding features. Every one knows what it is, and knows that it can be relied on for an early market variety in almost every locality.

Our illustration shows just how Olds' Famous Improved Red River Grown Early Ohios look. Note the well-rounded symmetrical shape and uniform size. No run-out stock about them.

We have both certified and uncertified stock of Red River Early Ohios. Both stocks are fine. The uncertified stock or U. S. No. 1 is practically pure and practically free from disease and is splendid seed stock; way ahead of ordinary Early Ohios.

PRICES OF OLDS' IMPROVED RED RIVER EARLY OHIOS FOR 1932.

Certified Stock: $\frac{1}{2}$ pk., 25c; pk., 45c; bu. (60 lbs.), \$1.45; 100 lbs., \$2.30; bbl. (172 lbs.), \$4.50; 10 bus. (in 100-lb. sacks) at \$2.20 per 100 lbs. Containers free.

U. S. Grade No. 1 (Uncertified): $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.30; 100 lbs., \$2.00; bbl., \$4.00; 10 bus. (in 100-lb. sacks) at \$1.90 per 100 lbs.

OLDS' IRISH COBBLER.

Irish Cobbler seems to continue to increase in popularity. It is famous now the country over.

It is a pure white extra quality potato, nearly round in shape. Eyes more pronounced than in the

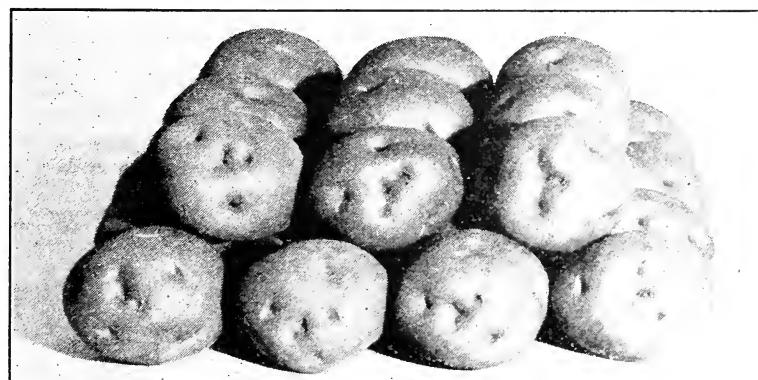
Early Ohio.

We are again securing our Certified Irish Cobblers from L. S. Jacobson and Son, Forest County, northern Wisconsin. These people have an unusually choice strain of Cobblers and have taken many prizes. In fact they just this last fall won First for the third year in succession at the State Potato Show. Mr. Jacobson is Vice President of the Wisconsin Potato Growers' Association.

Our Uncertified Cobblers are also northern Wisconsin grown, choice select seed stock. We believe that Cobblers in the northern part of our own state grow smoother than in the Red River country and the eyes are not so deep. They cost less also because the freight is less.

Prices, Certified Stock: $\frac{1}{2}$ pk., 25c; pk., 40c; bu., \$1.40; 100 lbs., \$2.20; bbl., \$4.25; 10 bus. (in 100-lb. sacks) at \$2.10 per 100 lbs.

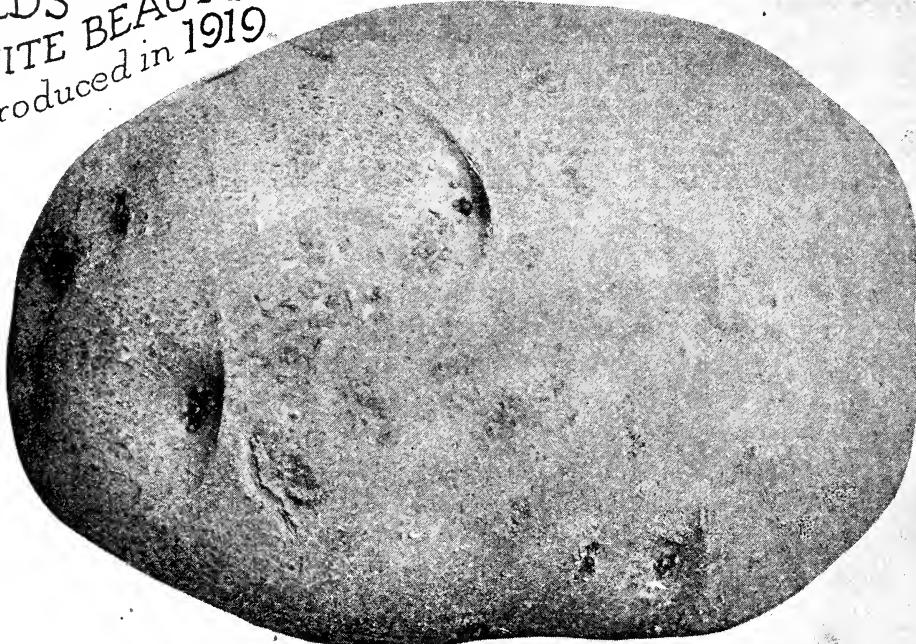
U. S. Grade No. 1 (Uncertified): $\frac{1}{2}$ pk., 20c; pk., 35c; bu., \$1.25; 100 lbs., \$1.95; bbl., \$3.75; 10 bus. or over (in sacks) at \$1.85 per 100 lbs.



First Prize Irish Cobblers, Grown by L. S. Jacobson & Son.

U. S. Grade No. 1 (Uncertified): $\frac{1}{2}$ pk., 20c; pk., 35c; bu., \$1.25; 100 lbs., \$1.95; bbl., \$3.75; 10 bus. or over (in sacks) at \$1.85 per 100 lbs.

OLDS' WHITE BEAUTY
Introduced in 1919



OLDS' WHITE BEAUTY

We introduced this potato thirteen years ago. It is a heavy yielding, high quality, main crop variety. It has a distinct origin starting from a single seed ball in 1911.

Description. Olds' White Beauty is just the type that is wanted for an all-round, main crop, white-skinned potato. It is the right shape, nearly round to oval oblong; symmetrical and regular in form; eyes very shallow, so shallow that as one of our customers says: "You hardly know they have an eye"; beautiful white skin, slightly russeted; strong, vigorous grower, with dark stalks and purple blossoms. Season medium, a little earlier than Rural.

Olds' White Beauty is a variety of real value. In the first place it can be sold in the large potato markets for Rural New Yorker, the standard main crop variety; but while it resembles Rural it is better. The color is a creamy white instead of pure white and it is slightly russet like the old Snowflake, indicating quality. Then, for yield it surpasses everything. The North Dakota Experiment Station reported an official yield on it of 466 bushels per acre. On our trial grounds White Beauty outyielded Rural New Yorker, Green Mountain, White Mammoth and Carman No. 3 and the tubers were the finest in appearance of any.

Our White Beauties this year are all Northern Wisconsin grown from Mr. N. B. Dexter, Sawyer county, who has furnished us such fine stock in the past. The stock is all State Certified, being certified as Rurals as the State calls our White Beauty a very desirable strain of Rurals.

PRICES OF OLDS' WHITE BEAUTY FOR 1932.

Certified: Half pk., 30c; pk., 50c; bu., \$1.60; 100 lbs., \$2.50; bbl., \$4.85; 10 bus. at \$2.40 per 100 lbs.

GROW A LARGER CROP WITH IMPROVED SEMESAN BEL

The New Seed Potato Dip. Costs Only $1\frac{1}{2}$ to 3 Cents Per Bushel.

Fifty per cent of all seed potatoes planted in the United States carry disease in some form. This means decreased yields. Much of this loss can be prevented by treating seed before planting with Semesan Bel.

Semesan Bel is effective in controlling such seed borne diseases as scab, rhizoctonia and black leg.

Semesan Bel protects the seed pieces from rotting.

Semesan Bel improves germination and usually produces a bigger crop.

Paul A. Johnson, Iowa County Agent, writes: "When tested on Cobblers, Semesan Bel treated seed produced 166 bushels per acre, while only 78.3 bushels were obtained from untreated seed of the same lot, resulting in an increase of 88 bushels, or about 113 per cent."

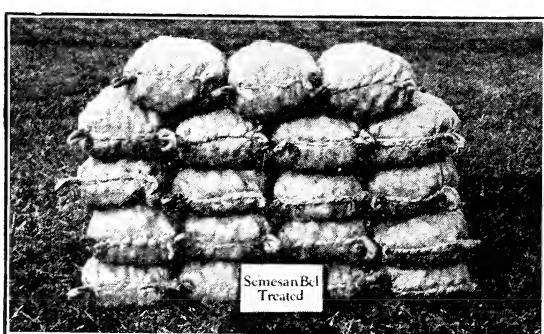
Semesan Bel is easily applied. Just mix with water, dip your potatoes, drain and plant. One man can treat from 200 to 400 bushels per day.

Improved Semesan Bel has been strengthened and made much more effective in disease control. One pound now will treat 60 to 80 bushels of seed at a cost of only $1\frac{1}{2}$ to 3 cents per bushel.

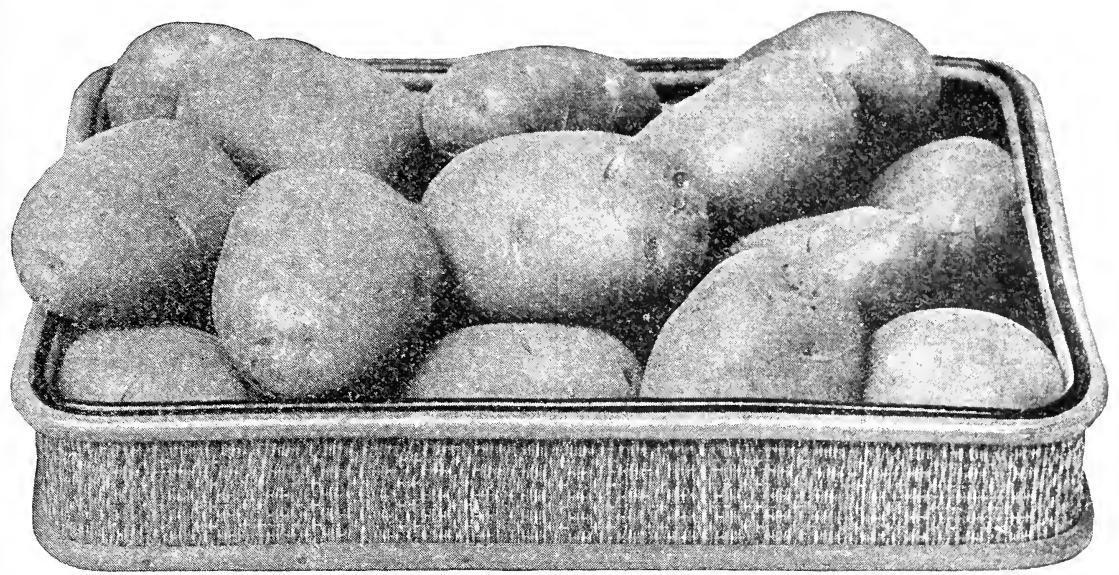


Ask for folder, "New Improved Semesan Bel."

Prices of Semesan Bel: 4 oz. size, 50c; 1 lb. size, \$1.75; 5 lb. size, \$8.00; 25 lb. size, \$31.25. Not mailable.



"Improved Semesan Bel increased the yield over that of untreated seed by an average of 16%, or 31 bushels per acre," writes one grower. Photo represents increase.



Olds' Certified Stock of Improved Rural New Yorkers.

OLDS' IMPROVED RURAL NEW YORKER.

MOST POPULAR MAIN CROP POTATO IN NEARLY ALL SECTIONS

Rural New Yorker is by far the most popular main crop variety in cultivation today. Its outstanding characteristics are its beautiful smooth white skin, its inconspicuous eyes and its great yielding qualities. It does the best of any variety as a rule on clay soils and black soils and in fact it is the universal potato for all soils. It will probably stand more neglect and do better under unfavorable conditions than any other variety. It is easily grown, a good keeper and always yields well. As a rule the quality is all right too.

Rurals throughout the country are badly mixed with other varieties. Such stock does not bring the top price. We have not only pure Rurals but an improved strain of Rurals, all northern Wisconsin, grown, from Sawyer County and other northern counties. Ask for special prices in large quantities and for new prices after February 15th.

PRICES OF OLDS' IMPROVED RURAL NEW YORKER FOR 1932.

Certified: $\frac{1}{2}$ pk., 25¢; pk., 40¢; bu., \$1.40; 100 lbs., \$2.20; bbl., \$4.25; 10 bus. or over, in 100-lb. sacks, at \$2.10 per 100 lbs. Barrels and sacks included.

U. S. Grade No. 1 (Uncertified): $\frac{1}{2}$ pk., 20c; pk., 35c; bu., \$1.25; 100 lbs., \$1.95; bbl., \$3.75; 10 bus. or over, in 100-lb. sacks, at \$1.85 per 100 lbs.

Pound Prices. Any variety of potatoes on our list. By mail: One pound (about 3 good tubers), 20c; 3 lbs., 35c, postpaid. By freight or express: 1 lb., 15c. Not less than one pound of a variety sold.

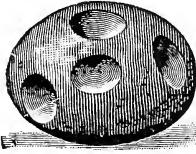
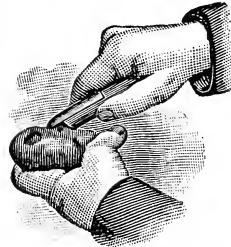
Collection Barrels. We offer a barrel made up of any 2 varieties potatoes on our list, half of each, at barrel rates, plus 15 cents; 3 varieties, at barrel rates, plus 25 cents. Barrels and sacks are free.

Prices Subject to Change. Prices are in effect until February 15th. Ask for "Weekly Price List" after that date.

POTATO EYES.

We furnish Potato Eyes in boxes of 160 eyes each, labeled and carefully packed in damp moss in paraffin lined boxes. Orders will be filled at the right time for planting. We guarantee safe arrival in good condition.

F. B. Spear, Kansas, writes: "The potato eyes which I got of you did exceedingly well. Every one made a hill of nine potatoes."



PRICES OF POTATO EYES, ALL VARIETIES:

(Prices Greatly Reduced for 1932.)

160 Eyes, (one box) one variety, your selection, \$1.00 by mail, postpaid.

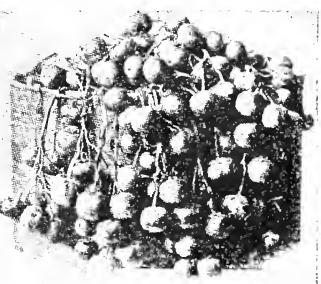
160 Eyes, (one box) two varieties, your selection, \$1.10, postpaid.

160 Eyes, (one box) four varieties, your selection, \$1.20, postpaid.

480 Eyes, (3 boxes) all one variety, \$2.50 by express, not prepaid.

480 Eyes, (3 boxes) three varieties, \$2.75 by express, not prepaid.

(No orders accepted for less than 160 eyes.)



POTATO SEED-BALLS BY THE BUSHEL.

POTATO BALL SEED.

Hybridized potato seed from the balls. Every seed makes a distinct variety.

Pkt., 15c; 2 pkts., 25c, postpaid.

SUGGESTIONS TO POTATO GROWERS.

USE FERTILIZER.

If there is any one crop more than others where it pays to use Commercial Fertilizers, that crop is the potato crop. The outstanding success of the potato farmers of the northern counties of Wisconsin has been due to the intelligent use of fertilizers more probably than to any other one thing. See our list of fertilizers on page 92 of this catalog. Ask for 40-page Wisconsin Bulletin No. 243, "Fertilizers for Cash Crops."

TREAT THE SEED FOR SCAB AND OTHER DISEASES.

Note what we say about Semesan Bel on the preceding page. We believe it will pay everyone who plants potatoes, in a large way or a small way to use Semesan Bel. Ask for one of the booklets. We also handle Formaldehyde, Bordeaux, etc. See page 93.

SPRAY FOR BLIGHT AND FOR BUGS.

Use Arsenate of Lead or Calcium Arsenate with Bordeaux Mixture. You will find those and other spray materials on page 93 and Sprayers on page 91. Note also the Tools we offer for potatoes and other crops, pages 88, 89 and 90. These can be shipped with potatoes or field seeds at practically no expense for transportation.

Planet Jr. Garden Tools

PLANET JR. NO. 4 COMBINED SEEDER.

No. 4 Combined Hill and Drill Seeder, Wheel Hoe, Cultivator and Plow. Complete, as shown in cut, \$18.00.
No. 4D. Seeder Only, \$14.25.



PLANET JR. NO. 3 HILL AND DRILL SEEDER.

Larger than No. 4D. 15 inch wheel. Holds 3 quarts. Price, \$17.50.

PLANET JR. NO. 300 DRILL SEEDER.

A new style seeder, with wide tread wheels. Still larger than No. 3. Holds 4 quarts. Price, \$20.00.

PLANET JR. NO. 35 SEEDER ATTACHMENT.

Fastens to any Wheel Hoe or Garden Plow. Price, \$6.50.

PLANET JR. NO. 25 COMBINED SEEDER.

No. 25. Combined Hill and Drill Seeder, Double and Single Wheel Hoe, Cultivator and Plow. \$21.50.



PLANET JR. FERTILIZER DISTRIBUTOR.

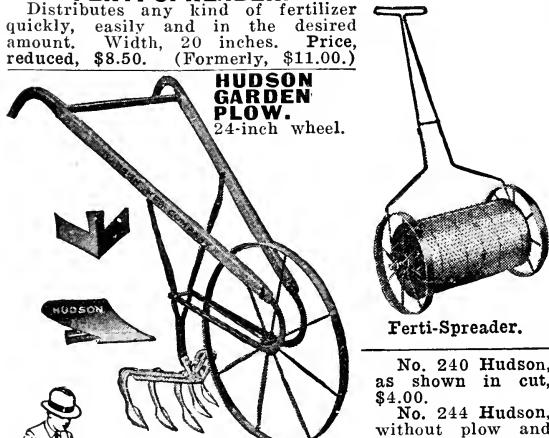
Will distribute from 100 to 2,000 pounds of commercial fertilizer per acre as desired. Spreads from 4 to 30 inches. Price, \$27.00.

FERTI-SPREADER.

Distributes any kind of fertilizer quickly, easily and in the desired amount. Width, 20 inches. Price, reduced, \$8.50. (Formerly, \$11.00.)

HUDSON GARDEN PLOW.

24-inch wheel.



Ferti-Spreader.

No. 240 Hudson, as shown in cut, \$4.00.

No. 244 Hudson, without plow and sweep, \$3.35.

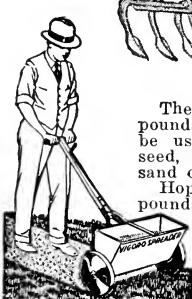
VIGORO SPREADER.

The Vigoro Spreader will apply evenly 100 pounds of Vigoro in 15 minutes. Can also be used for sowing lawn grass and other seed, also for applying lime, also for sifting sand on icy walks.

Hopper is 24 inches wide. Holds 65 pounds Vigoro or 25 of seed mixture.

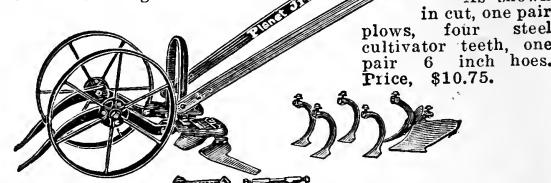
Price, Standard Size (reduced), \$10.45.

Special Large Size. 36 inches wide, holds 100 pounds Vigoro. Price (reduced), \$16.25.



PLANET JR. NO. 12 DOUBLE AND SINGLE WHEEL HOE.

Recognized as the best combination double and single wheel hoe now in use. The assortment of attachments enables one to do plowing, running furrows, and general cultivating work.



Equipment:

As shown in cut, one pair plows, four steel cultivator teeth, one pair 6 inch hoes. Price, \$10.75.

PLANET JR. NO. 17 SINGLE WHEEL HOE.

Equipment: One large garden plow; three steel cultivator teeth; one pair of six inch hoes. Price, \$7.75.

PLANET JR. NO. 17½ SINGLE WHEEL HOE.

Same as No. 17 without the garden plow. Price, 6.75.



PLANET JR. NO. 119 GARDEN PLOW.

A new easy running high wheel Planet Jr. Wheel, 24 inches in diameter with rim 1 1/2 inches wide. Complete equipment meeting all the needs of the ordinary garden for plowing, furrowing, covering, cultivating, hoeing, hilling. The tool is built with the same care that has made all Planet Jr. tools leaders. Price, \$4.75.

PLANET JR. STAR PULVERIZER, WEEDER AND CULTIVATOR.



PLANET JR. LAWN EDGER.

Disc style.

Edges either straight or curved walks of cement, stone or brick, rapidly and easily. Price, \$1.60; by mail, \$1.80.

Width of cut, 7 1/2 inches. Price, \$3.00; by mail, \$3.30.

REIFF LAWN EDGER.

A simple but practical tool made of two sickle sections properly mounted and attached to a long handle. Price, \$1.50; by mail, \$1.65.

LAWN NETTE.

The Lawn Maker.

Spreads quickly and uniformly, in any quantity desired, grass seed, fertilizers, plant foods, etc. Holds 25 pounds, spreads 14 inches wide and operates as fast as a lawn mower. Very simple and easy to run. Price, \$7.00.

VELVET LAWN SEEDER AND FERTILIZER SOWER.

Sows lawn grass accurately in rows 1 inch apart. Also fine for sowing fertilizer. Equipped with cultivator attachment, also wheels and handle similar to Lawnette. Price (reduced), \$5.00. (Formerly \$6.00.)



BARKER WEEDEER, MULCHER AND CULTIVATOR—3 TOOLS IN ONE

The Barker cuts the weeds under the ground, cultivates the soil and makes the essential dust blanket or mulch—all in one operation. Works like a lawn mower.

In market gardening labor is the chief item of expense. It is no idle boast that "a boy with a Barker can do more and better work than ten men with hoes," or than two men with wheel hoes. Many leading commercial market gardeners have discarded all other kinds of tools since trying the Barker.

The Barker tools have been greatly improved for 1932 by the addition of the new "Barker Filler Drum" to each machine. This prevents too deep cultivation and keeps sticks and stones out of the inside of the machine.

No. 6 Baby Barker Jr. 6-inch cut. For greenhouses and small gardens. \$7.25.

No. 8½ Barker Jr. 8½-inch cut. A favorite in the family garden. \$7.95.

No. 10 Barker Jr. 10-inch cut. Very popular size. \$8.45.

No. 6D Barker. 6-inch cut. For lettuce and close rows. \$8.00.

No. 8½D Barker. 8½-inch cut. For the onion grower and all-around gardener. \$9.25.

No. 10D Barker. 10-inch cut. Most useful size. \$10.60.

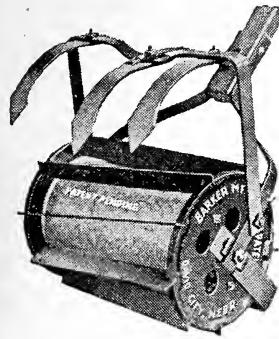
No. 11D Barker. 11-inch cut. For rows 15 inches or more apart. \$11.75.

No. 12D Barker. 12-inch cut. The ideal size for rows 2 or 3 feet apart. \$12.60.

Prices include all attachments. Money back if not satisfied. Guaranteed five years.

The "Barker Jr." tools are of lighter weight than the "Barker D."

Note—Ask for folder "Best Weed Killer Ever Used."



Barker, Showing the New Filler Drum.

HERO CORN GRADER.

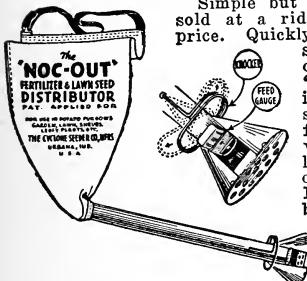
A Corn Grader that is a real grader. You should plant kernels that are all alike in size and shape if you want a perfect uniform stand. The Hero grades that way.

Leading farmers and corn growers everywhere testify to the perfect work done by this grader. It will pay for itself in one season. Price, \$18.00.

NOC-OUT.

Fertilizer and Lawn Seed Distributor.

Simple but practical and sold at a ridiculously low price. Quickly pays for itself. The oscillating "Knock er" insures a steady, uniform flow with either lawn grass or fertilizer. Price, \$1.25; by mail, \$1.15.



ADJUSTO PLANT SUPPORT.

For Tomatoes, Dahlias, etc.

Consists of an oak stake pointed at the bottom and painted green and a hoop of toughest galvanized steel. Adjustable to any height. Prices reduced. With 2 ft. stake, 15c each; doz., \$1.50. With 3 ft. stake, 20c each; doz., \$2.10. With 4 ft. stake, 25c each; doz., \$2.50. With 5 ft. stake, 30c each; doz., \$3.00. (Plant supports not mailable.)



POTTERY BIRD BATHS.

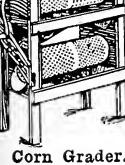
Absolutely weather and frost proof and very ornamental. Beautiful brown color, very artistic.

No. 700.

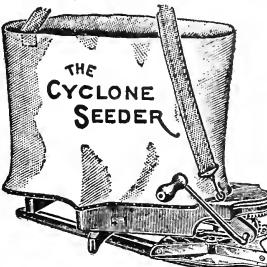
No. 365.

Bird Bath No. 700, 24 inches high, 17½ inches in diameter. A popular style. Price, \$5.00. (Former price, \$6.00.)

Bird Bath No. 365, 27 inches high. Bowl and pedestal joined together with an iron pipe. Very ornate. Price, \$8.00. (Former price, \$10.00.)



Corn Grader.



CYCLONE SEEDER.

The Cyclone has a national reputation as a High-Grade Seed Sower. It is built, not for cheapness, but for durability and accurate work. Scatterers seed evenly both sides and may be quickly adjusted for different seeds. No waste of seed. Price, reduced, \$2.00; by mail, \$2.25.

HORN SEEDER.

Does very satisfactory work. Made by the Cyclone people. Price, \$1.00; by mail, \$1.10.



GRASWIP.

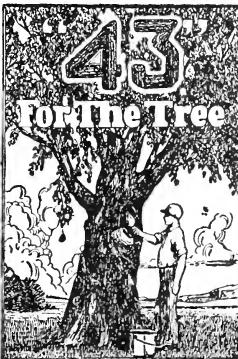
Cut your grass without stooping. Swings like a golf stick. Price, \$1.00; by mail, \$1.10.

"43" FOR THE TREE.

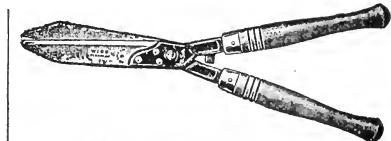
Why Let a Tree Die?

"43" For the tree contains those acids that destroy fungi and insects. A quick, easy application forms an elastic, waterproof coat, keeping out water, air, infestation and decay.

Order Plastic "43" for cavities; order Liquid "43" to brush over pruned trees, at sawed off limbs, broken branches, surface wounds and to coat around bottoms of trees to prevent animals from attacking them.



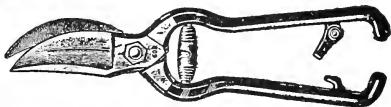
Prices (Reduced). Either Plastic or Liquid:
Lb. can.....\$0.50; by mail, \$0.60
2½ lb. can.....1.15; by mail, 1.30
5 lb. can.....2.25; by mail, 2.50
10 lb. can.....4.35; by mail, 4.70



WISS HEDGE SHEARS.

The Wiss goods are highest in quality. Professional Pattern, 8-inch Blade, (as shown in cut), \$3.00; by mail, \$3.15.

Regular Pattern, 8-inch Blade, (steel handles), \$3.25; by mail, \$3.40.



WISS PRUNING SHEARS.

No. 609. (As shown in cut), 9 inches long. \$1.50; by mail, \$1.55.

No. 608. 8¼ inches long, red handles, \$1.00; by mail, \$1.05.

No. 409. Same as No. 609, except finer in finish, \$1.75; by mail, \$1.80.

No. 309B. Brass leaf springs, \$2.50; by mail, \$2.55.

Wiss Grass Shears. 12-inch length, \$1.50; by mail, \$1.60.



CALIFORNIA PRUNING SHEAR.

A thoroughly reliable pruning shear. Price: 90c; by mail, 95c.



GRASNIP SHEARS.

Price, \$1.00; by mail, \$1.10.



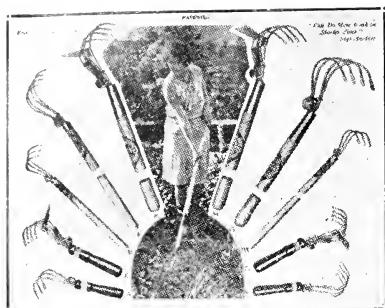
LONG HANDLE PRUNING SHEARS.

Special heavy, 26 inch. Price (reduced), \$3.00; by mail, \$3.15.



GRASS HOOK.

50c; by mail, 55c.



MAGIC WEEDEER HOES.

Style A. 3 tines, 9 inches long. 20c; by mail, 25c.

Style B. 18-inch handle. 25c; by mail, 30c.

Style B. B. 36-inch handle. 35c; by mail, 40c.

Style C. Larger and stronger than Style A. 4 tines. 35c; by mail, 40c.

Style D. Still larger. 11 inches long, with 1½ inch blade. 50c; by mail, 60c.

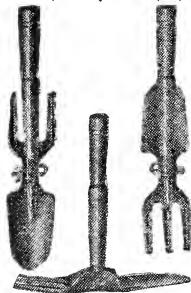
Style E. "V" pointed blade. 50c; by mail, 60c.

Style F. Long handle, 42 inches. Heavier than the preceding. 70c; mail, 85c.

Style G. Larger and stronger. 48 inch handle. \$1.00; by mail, \$1.10.

Style H. Cutting blade added. \$1.25; mail, \$1.40.

Style K. "V" shaped blade. \$1.25; mail, \$1.40.



HOEFORK TROWEL.

Three tools in one, a hoe-weeder, fork and trowel. 40c; by mail, 45c.

WISCONSIN FARM ACCOUNT AND RECORD BOOK.

A very complete and satisfactory but simple Farm Account Book devised by John S. Donald of the Wisconsin College of Agriculture.

It is a substantial blank book of 44 pages, size 9x13, arranged conveniently for single entry of all farm accounts and farm enterprises. It provides a convenient form for recording the acres put into various crops and the results, also a summary for the end of the year. Also provides a suitable form for taking the annual inventory.

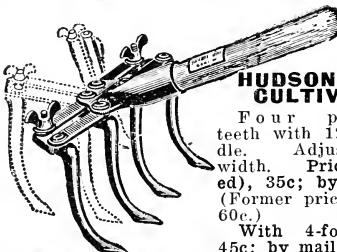
Every live farmer needs one of these books.

Price, 50c, postpaid.

NORCROSS HOE.
Every garden needs a Norcross, no matter what other hoes you may have.
5-prong, 4 foot handle, \$1.15; by mail, \$1.30.
3-prong, 4 foot handle, 80c; by mail, 95c.
"Midget," 9 inch handle, 50c; by mail, 55c.

4-PIECE GARDEN SET.

(For the boys and girls.)
Price, the set, 75c; by mail, 95c.

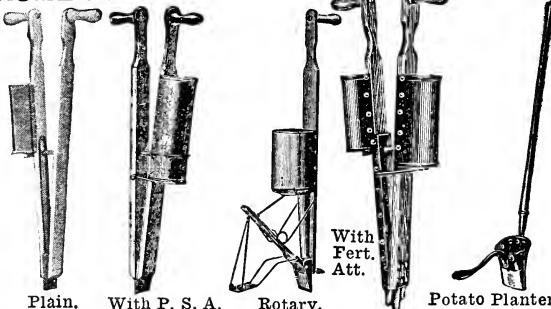


HUDSON JUNIOR CULTIVATOR.

Four pressed-steel teeth with 12-inch handle. Adjustable in width. Price (reduced), 35c; by mail, 45c. (Former prices 50c and 60c.)

With 4-foot handle, 45c; by mail, 60c.

ACME HAND PLANTERS.



Corn Planter, Plain. Accurate. \$1.35; by mail, \$1.50.
Corn Planter, with Pump. Seed Att. \$1.40; by mail, \$1.55.
Corn Planter, with Fert. Attachment. \$2.75; by mail, \$2.90.
Potato Planter. Automatic. \$2.50; by mail, \$2.65.
Potato Planter. Stick planter. \$1.25; by mail, \$1.40.

Bird's IMPROVED NEPONSET Flower Pots



Made of strong waterproof paper; light, unbreakable and will not rot. They weigh just one-tenth as much as clay pots.
By mail. By express or freight.

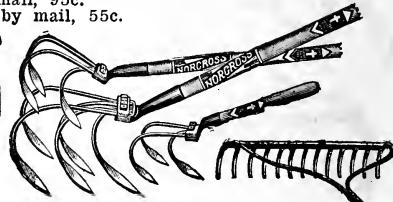
	25	100	25	100	1,000
2 1/4-inch	\$0.20	\$0.65	\$0.15	\$0.55	\$4.50
2 1/2-inch	.25	.75	.20	.65	5.25
3-inch	.30	.95	.25	.80	6.75
3 1/2-inch	.35	1.15	.30	.95	8.25
4-inch	.45	1.30	.40	1.20	10.50
5-inch	.70	2.10	.55	1.80	16.00
6-inch	.90	2.85	.70	2.10	21.00

BIRD'S FLOWER POT COVERS.

	25	100	25	100	1,000
For 4-inch clay pots	\$0.85	\$3.00	\$0.75	\$2.75	\$25.00
For 5-inch clay pots	.95	3.40	.85	3.10	28.00
For 6-inch clay pots	1.15	4.10	1.00	3.65	33.00

PAINTED POT AND GARDEN LABELS.

Painted Labels	4x 5%	\$0.10	\$0.35	\$0.08	\$0.28	\$ 2.50
Painted Labels	5x 8%	.13	.40	.10	.30	2.65
Painted Labels	6x 5%	.15	.45	.12	.35	3.00
Painted Labels	10x 5%	.25	.90	.20	.75	6.75
Painted Labels	10x 7%	.40	1.20	.35	1.00	9.00
Painted Labels	12x 5%	.35	1.10	.30	.90	8.00
Painted Labels	12x 1 1/2%	.50	1.55	.40	1.30	12.00



STEEL BOW GARDEN RAKE.

Finest rake made, \$1.35; by mail, \$1.50.

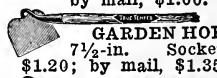


CONCAVE POTATO KNIFE.

Pieces never stick together. Price, 35c; 3 for 90c, postpaid.

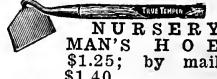
LAWN RAKE.

24-Tooth, 85c; by mail, \$1.00.



GARDEN HOE.

7 1/2-in. Socket, \$1.20; by mail, \$1.35.



NURSERMAN'S HOE.

\$1.25; by mail, \$1.40.



HEAVY SPADING FORK.

True temper. \$1.75; by mail, \$1.95.
BOYS' SPADING FORK.

Light. Best made. \$1.10; by mail, \$1.25.



STEEL GARDEN TROWEL.

Extra Heavy, 8 inch, 15c each; by mail, 20c.

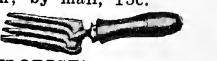
Light, 6 inch blade, 10c each; by mail, 15c.



TRANSPLANTING TROWEL.

Heavy, 6 1/2 inch blade, 15c each; by mail, 20c.

Light, 6 inch blade, 10c each; by mail, 15c.



FLORIST'S SPADING FORK.

20c each; by mail, 25c.

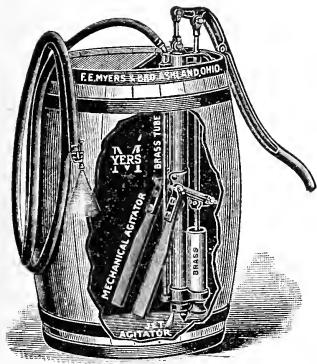
"OUT-U-KUM" WEED PULLER.

A slight push and pull removes not only the weed but the entire root. Ridding a lawn of dandelions is just fun. Long handle.

Price, 75c; by mail, 85c.



Diamond Service Co.



Myers Barrel Spray Pump.

MYERS BARREL SPRAY PUMP.

The Myers Improved Brass Barrel Spray Pump No. 305, with bronze ball valves, brass cylinder and discharge pipe, is, we believe, the best.

Price (reduced), complete with 15 feet of hose, Bordeaux nozzle and Mechanical Agitator, but not including barrel, \$12.50. (Formerly \$14.00.)

HUDSON PERFECTION SPRAYER.

For general high pressure purposes the Hudson Perfection is the very best. Easily operated and very satisfactory for spraying, disinfecting or whitewashing. Capacity, 4 gallons. Price (reduced), galvanized, \$6.50; brass, \$9.75.

HUDSON JUNIOR SPRAYER.

Similar to the Hudson Perfection but smaller. Capacity, 2½ gallons. Price (reduced), galvanized, \$4.50; brass, \$7.00.

HUDSON CLIMAX SPRAYER.

Offers all essentials of a high pressure sprayer at minimum cost. Adapted to all classes of work the same as the Perfection. Holds 3½ gallons. Price, galvanized, \$3.95.

AUTO SPRAY NO. 1. Galvanized tank. Holds 5 gallons. Price, \$1.00. (Formerly \$6.00.)

SULPHO TOBACCO SOAP.

For spraying plants, shrubs, trees, vines. 3-oz. cake, makes 1½ gallons, 15c; by mail, 20c; 8-oz. cake, 25c; by mail, 30c.

LENOX SPRAYER.

Spraying under the leaves kills insects, removes dust and keeps the plants healthy. Suds made from tobacco soap make one of the best sprays. The Lenox is most serviceable for house and garden.

Price (including a cake of tobacco soap), \$1.00, postpaid. Extra Bulbs, 40c each.

ENOZ MOTH LIQUID SPRAYER.

A finely finished sprayer for use in the house. Price, reduced, 60c; by mail, 70c.



FEENEY DUST GUN.

For applying Bug Death, Slug Shot and all other dry powder. Cheaper than spraying and effective under the leaves.

Price, reduced, 90c; by mail, \$1.00.

BUG DEATH DUSTER.

Price, reduced, 40c; by mail, 50c.

"HUMANE" DEHORNING PENCIL.

The value of a calf is greatly increased by dehorning. The brutal method of sawing off the horns is obsolete. Check the growth of horns in young calves with our "Humane" Dehorning Pencil. One application does the work. Does not injure the calf and is entirely painless. Each pencil will dehorn from 15 to 20 calves. Satisfaction absolutely guaranteed. Price, 60c per pencil; 3 for \$1.50, postpaid.

HANDY SACK HOLDER.

Hang it on a nail. Holds the sack open its entire width. Saves a man's time. Price, \$1.00; by mail, \$1.20.

RAT-SCENT



RAT SCENT.

A New Discovery.

Sure death to rats and mice, also gophers, but harmless to chickens. Dogs and cats will not eat it. No bait to mix. No odor from dead rats or mice. Lasts indefinitely and never gets mouldy or wormy. Prices, 35c and 50c per box. Not mailable.

DUBAY SEED DISINFECTANTS.

SEMESAN. For Garden Seeds. See page 25.

SEMESAN JR. For Corn. See page 75.

SEMESAN BEL. For Potatoes. Page 86.

CERESAN. For Oats. See page 78.



Lenox Sprayer.



HUDSON STEEL FLOWER BOXES.

Made of copper bearing, rust-resisting steel and painted green. Water is applied through the water entrances at the corners and reaches the plants from below.

26-inch, (for 30-inch windows), \$1.50.
32-inch, (for 36-inch windows), \$1.90.

SAVO FLOWER BOXES.

Model B. Length, 29 inches, \$4.00.
Model C. Length, 35 inches, \$4.50.
Model D. Length, 41 inches, \$5.00.

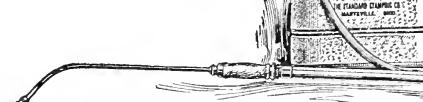
(Ask for descriptive folder.)

ARMSTRONG STANDARD SPRAY PUMP.

Ideal for spraying insecticides, for white washing, for spraying disinfectants, for fire protection, for washing windows, for washing autos.

Price, reduced, with 3½-foot Hose and Assorted Nozzles, \$4.50; by mail, \$4.75.

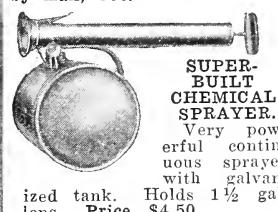
Knapsack, for Potato Spraying, \$3.25 extra.



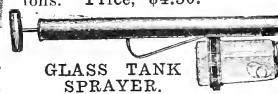
Armstrong Standard Pump with Knapsack.



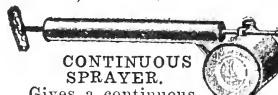
ACME SPRAY-ER. Holds one quart. Price, 40c; by mail, 50c.



SUPER-BUILT CHEMICAL SPRAYER. Very powerful continuous sprayer with galvanized tank. Holds 1½ gallons. Price, \$4.50.



GLASS TANK SPRAYER. Price, 60c. (Not mailable.)



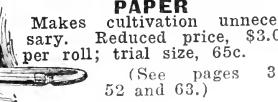
CONTINUOUS SPRAYER. Gives a continuous spray. Price, 70c; by mail, 80c.



BABY MIDGET. For the house and small garden. Price, ½ pt., 30c; by mail, 40c.



BANTAM SPRAYER. Holds about ¼ pint. Price, 20c; by mail, 30c.

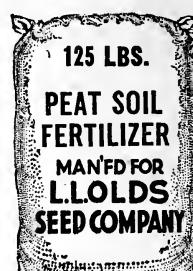
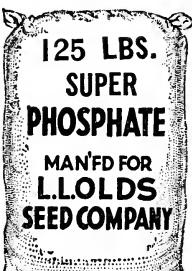
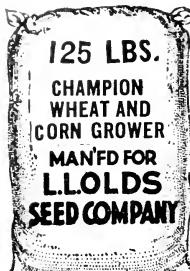


GATOR HIDE MULCH PAPER. Makes cultivation unnecessary. Reduced price, \$3.00 per roll; trial size, 65c.

(See pages 39, 52 and 63.)

FERTILIZERS AND PLANT FOODS

We handle the celebrated "Red Steer Fertilizers," from Swift and Company. Also "AA Quality" Fertilizers. You can greatly increase the yield and the quality of your crops by using fertilizers.



CHAMPION WHEAT AND CORN GROWER. (2-12-2) A high grade complete fertilizer for corn and all grain crops, especially where the soil is thin. 125 lbs., \$2.25; 1,000 lbs., \$15.75; 2,000 lbs., \$30.20.

SPECIAL CORN FERTILIZER. (4-16-4) Used now by the best corn farmers. More economical than 2-12-2 because of higher analysis. 125 lbs., \$3.00; 1,000 lbs., \$22.25; 2,000 lbs., \$42.90.

TRUCK GARDENERS' SPECIAL. (4-8-6) A highly concentrated fertilizer for potatoes, truck and garden crops. Strong in nitrogen and potash. Potatoes and truck crops are heavy feeders of plant food, so for the best results use this high grade brand. It pays. 25 lbs., 75c; 125 lbs., \$2.50; 1,000 lbs., \$18.50; 2,000 lbs., \$35.60.

SUPER TRUCKERS' SPECIAL. (8-16-16) A very highly concentrated fertilizer, offering a large saving in unit cost. Most economical for market gardeners. 125 lbs., \$4.90; 1,000 lbs., \$35.50; 2,000 lbs., \$69.00.

SUPER PHOSPHATE. (0-20-0) For use in supplementing farm manure. Use 50 lbs. to each load of manure or apply separately 100 to 300 pounds per acre. 125 lbs., \$2.10; 1,000 lbs., \$15.50; 2,000 lbs., \$29.70.

POTATO AND BEET GROWER. (2-12-6) Specially recommended for potatoes and for sugar beets. Also fine for tobacco. Strong in phosphoric acid and in potash. 125 lbs., \$2.50; 1,000 lbs., \$18.00; 2,000 lbs., \$34.70.

TOBACCO SPECIAL. (2-12-6) Same analysis as the preceding but prepared differently, specially for tobacco. Contains Sulphate of Potash. 125 lbs., \$2.65; 1,000 lbs., \$19.25; 2,000 lbs., \$37.00.

PEAT SOIL FERTILIZER. (0-12-12) For marsh lands. 125 lbs., \$2.60; 1,000 lbs., \$19.00; 2,000 lbs., \$36.25.

BONE MEAL. (1-29-0) For roses, shrubbery and flowers. Also fine for lawns. Use 3 to 5 pounds per 100 square feet or for plants one pound to 50 of soil. 10 lbs., 40c; 25 lbs., 75c; 125 lbs., \$2.50; 1,000 lbs., \$18.50.

ARCADIAN SULPHATE OF AMMONIA. (20-0-0) A wonderful fertilizer for lawns and gardens. 10 lbs., 60c; 25 lbs., \$1.15; 100 lbs., \$3.50; 1,000 lbs., \$31.00; 2,000 lbs., \$60.00. (In 100 lb. sacks.)

ARCADIAN NITRATE OF SODA. (16 1/4-0-0) Very valuable for fruit trees and tobacco plants. 10 lbs., 65c; 25 lbs., \$1.25; 100 lbs., \$4.00; 1,000 lbs., \$36.00; 2,000 lbs., \$70.00. (In 100 pound sacks.)

(Our Fertilizers, except Sulphate of Ammonia and Nitrate of Soda, are put up in 125 pound sacks. The analysis figures refer to the percentage of each brand—first, nitrogen, second, available phosphoric acid, third, potash. Prices are subject to change. Write for prices when ready to buy as at the time our catalog goes to press prices are not established. We are using here prices of last fall. Spring prices will probably be lower.)

FERTILIZER BULLETINS. Free on Application. "Fertilizing Corn," "Fertilizing Potatoes," "Fertilizing Small Grains," "Yes, It Pays," "How to Get the Most Out of Fertilizers," "Getting a Stand of Alfalfa."

PULVERIZED SHEEP MANURE.

A pure natural manure taking effect immediately. Very rich in nitrogen, phosphoric acid and potash, the three essentials. Splendid for lawns, greenhouse plants, market garden crops of all kinds and fruit trees.

Prices: 5 lbs., 35c; 10 lbs., 45c; 25 lbs., 65c; 50 lbs., \$1.15; 100 lbs., \$2.00; 500 lbs., \$9.50; 1,000 lbs., \$18.50; 2,000 lbs., \$36.00. (Prices do not include postage.)

(Folder "The Ideal Fertilizer.")

SUPERIOR LIMESTONE.

For Lawns and Gardens. Makes a rich, dark green, velvety lawn. Also valuable for gardens. 25 lbs., 35c; 100 lb. sack, \$1.00; 500 lbs., \$4.25.

WATCH-EM GROW PLANT FOOD.

Odorless, soluble, highly concentrated, quick-acting.

Large trial package, 10c, postpaid. Return empty package for 10c credit on large can. Big eight ounce can only 50c, postpaid.



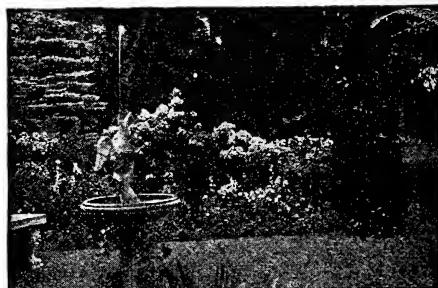
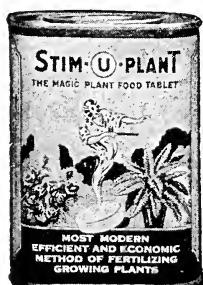
STIM-U-PLANT.

Simply insert tablet in soil near base of plant.

Postpaid prices: 10 tablets, 15c; 30 tablets, 25c; 100 tablets, 75c; 1,000, \$3.50.

OYAMA PLANT FOOD.

25c; by mail, 30c. (Not licensed in Wisconsin.)



FOR GARDENING SUCCESS

Feed everything you grow with Vigoro, the complete, balanced food for plants. Vigoro contains every element needed for full growth and beauty—the square meal for all plants.

Clean, odorless, and economical. Vigoro is easy to use. Simple directions in every bag or package. Vigoro is used at 3,000,000 homes. We recommend it.

VIGORO

Complete plant food

Prices: 12-oz. pkg., 10c; by mail, 15c; 5-lb. pkg., 50c; by mail, 75c; 25-lb. bag, by freight, \$1.75; 50-lb. bag, \$3.00; 100 lbs., \$5.00.



INSECTICIDES AND FUNGICIDES



DRY ARSENATE OF LEAD. For all leaf-eating insects. Sticks to the leaves and stays there. Will not burn foliage. The dry form is superior to the paste, and used more and more in place of Paris Green.

Prices: $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 4 lbs., \$1.00; 24 lbs., \$4.50; 96 lbs., \$16.00.

DRY CALCIUM ARSENATE. Used in the same manner and for the same purposes as Arsenate of Lead, but costs less and is still more effective. $\frac{1}{2}$ lb., 20c; 1 lb., 35c; 4 lbs., 75c; 24 lbs., \$3.50; 100 lbs., \$12.50.

DRY BORDEAUX MIXTURE. The best fungicide for preventing black rot, mildew, blight, scab, etc., on fruit and vegetable plants. Spray potatoes for blight. One pound will make 50 pounds liquid. Can be used just as needed.

Prices: $\frac{1}{2}$ lb., 25c; 1 lb., 40c; 4 lbs., \$1.10; 25 lbs., \$4.75; 50 lbs., \$9.00.

DRY LIME SULPHUR. For San Jose scale and common spray. Just as effective as the lime sulphur solution and more easily handled. 1 lb., 40c; 5 lbs., \$1.40; 10 lbs., \$2.50; 25 lbs., \$4.50; 100 lbs., \$15.00.

ALL ROUND SPRAY. A combination, "one shot," spray. Contains Nicotine Sulphate, for sucking insects, Arsenate of Lead, for chewing insects and Bordeaux Mixture, for fungous diseases. $\frac{1}{2}$ lb. size, 45c; 1 lb., 95c.

GARDEN GUARD. "Guards Your Garden." An all-around garden insecticide. No sprayer needed. Just sift it on the foliage from the shaker top carton. The only garden insecticide containing Bordeaux Mixture. (Ask for folder.) 1 lb. carton, 25c; 5 lb. bag, 75c.

DUSTING SULPHUR. For controlling mildew, black spot and leaf spot on roses and other flowers and red spider on evergreens. Recommended by Experiment Stations and garden magazines. (Ask for folder.) 3 lb. carton, 40c.

"SURE NOXEM." For use on potatoes, cabbage, cauliflower, cucumbers, melons, tomatoes, currants, gooseberries and all other vegetables and shrubs. Kills all insects. Pound carton, (sifter top) 25c; 5 lb. bag, 75c; 100 lbs., \$9.00.

FORMALDEHYDE. For preventing smut in grain, scab on potatoes, etc. 1 lb., (treats 40 bus.) 40c; 5 lbs., \$1.75. NOTICE. All of the above are poisons and not mailable. Special prices in quantity. (Ask for "Spray Guide.")



ANTROL THE NATIONAL ANT CONTROL.

Quickly destroys ants. Composed of containers with a special syrup.

Prices: Antrol Set, containing 4 containers and 4 oz. bottle of syrup, 95c. Extra Containers, 15c each. Antrol Syrup; 4 oz. bottle, 45c; pint, 95c; gallon, \$3.75.



SNAROL

THE NATIONAL PEST CONTROL.

Kills cutworms, grasshoppers, slugs.

Prices: Lb. pkg., 35c; 3 lbs., 85c; 15 lbs., \$3.50. Not mailable.

BLACK LEAF NICOTINE DUST. For aphids. Prices (reduced): 5 lbs., 75c; 25 lbs., \$2.75; 100 lbs., \$10.00.

SODIUM CHLORATE.

For weed eradication. Present price, (subject to change) \$8.50 per 100 lb. drum. Write for prices later.



& Shebs Plant Spray Kills Bugs

This non-poisonous spray gives positive protection against both sucking and chewing insect pests, including aphids, thrips, green flies, white flies, mealy bugs, worms, caterpillars and others. Harmless to humans, birds, animals and pets. Easiest to mix.

Prices, postpaid:

2-oz. bottle, (makes 4 gals.) 35c.
8-oz. bottle, (makes 16 gals.) 75c.
Pint bottle, (makes 32 gals.) \$1.25.
Quart can, (makes 64 gals.) \$2.00.
Gallon can, (makes 256 gals.) \$6.35.



EVER GREEN

KILLS ANTS AND GARDEN INSECTS

Ever Green is a powerful, non-poisonous insecticide that kills all plant insects. Will not burn, blight, or stain the most tender foliage. May be used on fruits and vegetables before eating. One ounce makes 6 gallons of spray.

Prices: 1 oz. size, 35c; by mail, 40c. 6 oz. size, \$1.00; by mail, \$1.05. 16 oz. size, \$2.00; by mail, \$2.10. 32 oz. size, \$3.85; by mail, \$4.00. Gallon size, \$13.00.



CONKEY'S REMEDIES



Old Reliable Powder. (Formerly Roup Remedy.) The old standby. 25c, 50c and \$1.00; 30c, 55c and \$1.10, postpaid.

Balmo. (Canker Special.) 50c; 55c, postpaid. Sulphur Candles, 15c, postpaid.

Head Lice Ointment. 10c, 25c; 15c, 30c, postpaid.

Poultry Worm Remedy. 25c and 50c; 30c and 60c, postpaid; 5 lbs., \$2.75; by mail, \$3.00.

Mite Liquid. Qt., 60c; 2 qts., 90c; 1 gal., \$1.50.

Poultry Tonic. 1½ lbs., 25c; by mail, 35c; 3¼ lbs., 50c; by mail, 70c; 7 lbs., \$1.00; 25 lbs., \$3.00.

Stock Tonic. 3¼ lbs., 50c; by mail, 70c.

Lice Powder. 5 ozs., 20c; by mail, 25c; 15 ozs., 35c; by mail, 40c; 48 ozs., 75c; by mail, 95c.

Noxicide. Pt., 50c; qt., 80c. Not mailable.

Fly Knocker. For stockmen and dairymen. Qt., 60c; 2 qts., 90c; gal., \$1.50; 5 gals., \$7.25. Not mailable.

FREE, with order of \$1.00, Conkey Poultry Book.

PRATT'S REMEDIES



PRATT'S POULTRY REGULATOR.

Pkgs., 25c and 50c; 35c and 65c, postpaid; 12-lb. pkg., \$1.40; 12-lb. pail, \$1.65; 25-lb. bag, \$2.60; 100-lb. bag, \$9.50. Large sizes, postage extra.

Pratt's R. P. Tablets, 25c and 50c, postpaid.

Pratt's N. K. Capsules. (Poultry Worm Tablets.) For fowls: 50 capsules, \$1.00; 100 capsules, \$1.75; 500 capsules, \$7.00. For chicks: 50 capsules, 65c; 100 capsules, \$1.00; 500 capsules, \$4.50. All postpaid.

Pratt's Chick Tablets. (Formerly White Diarrhea Remedy.) 25c and 50c, postpaid.

Poultry and Stock Disinfectant. Kills germs. Pint, 40c; qt., 60c; 2 qts., \$1.00; gal., \$1.60. Not mailable.

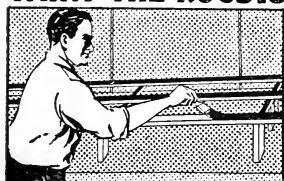
Red Mite Special. Qt., 60c; 2 qts., \$1.00; gal., \$1.60.

Powdered Lice Killer. 5 ozs., 12c; by mail, 17c; lb., 25c; by mail, 30c; 2½ lbs., 50c; by mail, 60c.

Pratt's Poultry Worm Powder. 50c and \$1.00; by mail, 60c and \$1.15.

Pratt's Fly Chaser. Gal., \$1.50; 5 gals., \$7.00.

'PAINT' THE ROOSTS



WITH 'BLACK LEAF 40'



Cymaco Feeder.

BLACK LEAF 40.

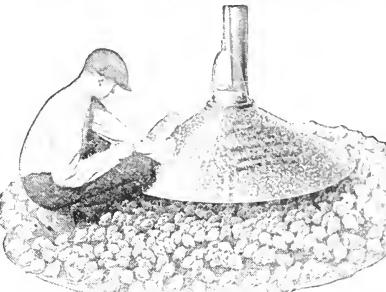
Kills poultry lice. Just paint it on the roosts. A half pound size will treat 100 running feet of roost. While chickens roost fumes are slowly released and penetrate the feathers, killing the lice. Eliminates individual handling of birds. Very effective and largely used now.

Prices: 1 oz. size, 35c; 5 oz. size, \$1.00; 1 lb., \$2.50; 2 lbs., \$3.75; 5 lbs., \$7.00; 10 lbs., \$11.85. Not mailable.

FLEX-O-GLASS. 5 yards, \$1.60, by mail, \$1.75; 10 yards, \$2.90; by mail, \$3.15. 50 yards at 25c, not prepaid.

CYMACO DRY MASH FEEDER. ½ bu. size (12 in.), \$1.85; 1 bu. size (24 in.), \$2.50.

RELIABLE COAL BURNING BROODERS.



Will burn coal or coke and can be used in any kind of building in any weather. Has all the latest improvements including Auto regulator, which insures a steady heat and saves fuel. Fully guaranteed.

Prices reduced for 1932.

No. 9—42	inch canopy, 500 chicks.....	\$14.75
No. 10—52	inch canopy, 1000 chicks.....	18.50
No. 22—60	inch canopy, 1200 chicks.....	22.50

WAFER THERMOSTATS.

For any incubator or brooder. Made of special tempered brass, sensitive, accurate and durable. Made double.

Price, 50c, postpaid.



GANTTER WATER FOUNTAIN.

A new style 12 hole Baby Chick Water Fountain, made to fit any one or two-quart jar. Galvanized iron. Without jar, 35c; by mail, 45c.



BUTTERMILK FEEDER.

Same as the Gantter Water Fountain except made of charcoal tin. No clogging. Without jar, 35c.

STAR WATER FOUNTAIN.

Glass tray with galvanized holder for jar to be attached to same. 35c; by mail, 45c.

GANTTER FOUNTAIN.

SPIRALET LEG BANDS.

(Celluloid). Colors, blue, red, yellow, black and green. Mention the colors preferred. Three sizes: Asiatic, American, Leghorn: 25, 30c; 100, 85c, postpaid.

(Spirals also for pigeons and for bantams at the same price.)



SPIRALET NUMBER CLIPS.

Aluminum with large embossed figures. Easily and quickly put on the spiralets. Will stay on. Two sizes. Prices (reduced), either size, 25, 25c; 100, 75c, postpaid.



BANDETTEs.

A new style of celluloid leg band numbered consecutively. 5 colors—blue, red, yellow, green and pink. 3 sizes—Asiatic, American, Leghorn. Box of 25, 65c; 4 boxes, \$2.00, postpaid. (Name size and color wanted.)

Double Clinch Leg Bands: 12 for 18c; 25 for 30c; 100, 80c, postpaid.



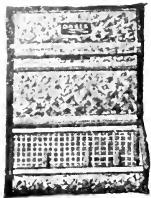
POULTRY PUNCH.

30c, postpaid.



AUTOMATIC CHICK GREASER.

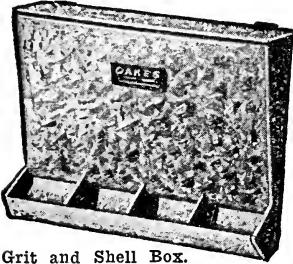
Every chick his own doctor. As he eats his head is thoroughly greased. Price, only \$1.25; by mail, \$1.40.



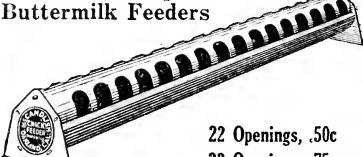
Handy Hopper.

**McCANDLISH CHICK FEEDER.**

Also used for drinking. Made of galvanized iron. Prices reduced: 20 in., 40c; by mail, 50c; 30 in., 60c; by mail, 70c.



Grit and Shell Box.

IMPROVED HANDY HOPPER.
Has swinging front adjustable to suit any kind of dry mash. Price reduced. No. 13. Length 18 inches, \$2.00
McCandlish Improved Tin Buttermilk Feeders

22 Openings, .50c

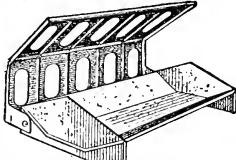
32 Openings, .75c

MCCANDLISH BUTTER MILK FEEDER.

Prices reduced: 22 openings, 20 inches long, 50c; by mail, 60c. 32 openings, 75c; by mail, 85c.

STAR CHICK FEEDER.

Galvanized with roof. For outdoor use. 16 inches long, 22 openings, \$1.00; 22 inches long, 30 openings, \$1.50. Not mailable.

**CYMACO CHICK TROUGH.** 10 inch, 25c; by mail, 35c. 20 inch, 35c; by mail, 45c.

GRIT AND SHELL BOX. For grit, shells and charcoal. Poultry size, \$1.00.

AUTOMATIC CHICK FOUNTAIN. Made to fit fruit jar. Pan style. Price, reduced, 10c; by mail, 15c.

SELF-LOCKING EGG CARTONS. 12, 25c; by mail, 30c; 100, \$1.75; 1,000, \$15.00.

TRAP NESTS.

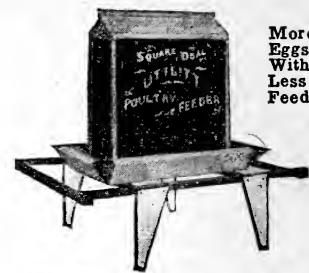
Single, front only, 35c each; \$3.50 per doz. 3-section, 75c each; \$7.50 per doz.

UTILITY POULTRY FEEDER.

The last word in poultry feeders. For all kinds of feed. Frame 42x30, feeder 42 inches high. Holds 100 pounds of mash. Total feeding space of 9 feet. Substantially made, well finished. Price, \$6.00.

LAWN PARK COOP.

A handsome parking coop that will telescope. Made of galvanized metal. Price, reduced, \$3.50.



More Eggs With Less Feed.

**IT TELESCOPES!****NON-PARKING BROOD COOP.**

Similar to the preceding without park.

Price, \$1.50.

PARK EXTENDED

OLDS' ROCK AND ALPINE PLANTS

An up-to-date flower garden is no longer complete without a Rock Garden planting. Most Rock Gardens must be designed according to the location available. For this reason it is necessary for a person to experiment and arrange a rockery to best suit his particular need.

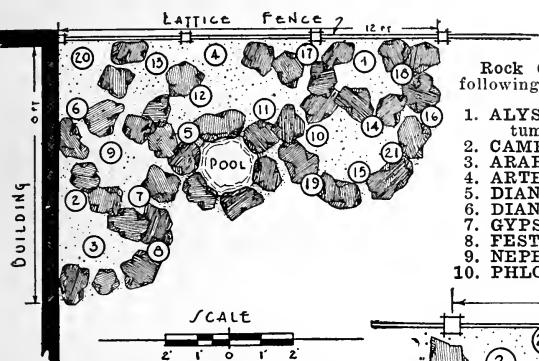
On this page we are listing three very fine Rock Garden Collections. For Collection No. 1 and Collection No. 2 we are offering an arrangement plan. Of course, these plans will have to be changed according to locations available. For other perennial plants, see pages 55 and 56.

ROCK GARDEN COLLECTION NO. 1.

21 Hardy Varieties of Rock Garden Plants for \$1.75, postpaid. (Note suggested lay-out at the left.)

Rock Garden Collection No. 1 is composed of one each of the following plants:

1. ALYSSUM, Saxatile Compactum.
2. CAMPANULA, Carpatica.
3. ARABIS, Alpina.
4. ARTEMESIA, Frigida.
5. DIANTHUS, Deltoides.
6. DIANTHUS, Caesius.
7. GYPSOPHILA, Repens.
8. FESTUCA, Glauca.
9. NEPETA, Mussini.
10. PHLOX, Subulata.
11. SAPONARIA, Ocyoides.
12. SEDUM, Album.
13. SEDUM, Ewersii.
14. SEDUM, Kamschaticum.
15. SEDUM, Stoloniferum.
16. SEDUM, Fosterianum.
17. STACHYS, Lanata.
18. THYMUS, Serpyllum.
19. TUNICA, Saxifraga.
20. VERONICA, Royal Blue.
21. VIOLA, Lutea.

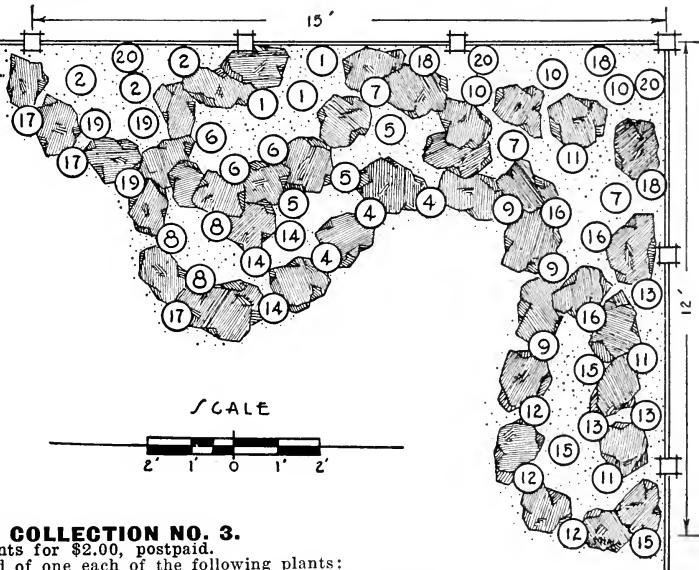


ROCK GARDEN COLLECTION NO. 2.

60 Hardy Varieties of Rock Garden Plants for \$10.00, postpaid. (Note suggested lay-out at the right.)

Rock Garden Collection No. 2 is composed of 3 each of the following plants:

1. ALYSSUM, Saxatile.
2. AQUILEGIA, Alpina.
3. ARABIS, Alpina.
4. CAMPANULA, Rotundifolia.
5. CERASTIUM, Tomentosum.
6. DIANTHUS, Deltoides.
7. DIANTHUS, Caesius.
8. FESTUCA, Glauca.
9. GYPSOPHILA, Repens.
10. HEUCHERA, Rosea.
11. NEPETA, Mussini.
12. PHLOX, Subulata.
13. SAPONARIA, Ocyoides.
14. SEDUM, Acre.
15. SEDUM, Kamschaticum.
16. SEDUM, Reflexum.
17. SEDUM, Stoloniferum.
18. STATICE, Incana.
19. VERONICA, Prostrate.
20. VERONICA, Spicata Nana.



ROCK GARDEN COLLECTION NO. 3.

10 Hardy Varieties of Rock Garden Plants for \$2.00, postpaid.

Rock Garden Collection No. 3 is composed of one each of the following plants:
SEMPERVIVUM, Verlootti. LYCHNIS, Alpina. IRIS, Cyanea. ARMERIA, Montana.
SEMPERVIVUM, Brauni. ARTEMESIA, Frigida. VIOLET, Jersey Gem. SEDUM, Ewersii.
TUNICA, Saxifraga. HARDY CACTUS OPUNTIA, Rafenescuui.

ROCK GARDEN AND ALPINE PLANTS.

ALYSSUM, Saxatile—Grows 9 to 12 inches in height with beautiful golden flowers in April.

AQUILEGIA, Alpina—A dwarf blue and white honey-suckle blooming in May. 10 to 12 inches tall.

ARABIS, Alpina (Rock Cress)—Heads of white flowers in April. About 6 inches tall.

ARTEMESIA, Frigida—Finely cut silver leaves. Valued for its beautiful foliage.

CAMPANULA, Rotundifolia—(Harebell)—A good plant to grow in crevices of a rock wall or garden. Blooms from June to August and grows 10 to 16 inches tall.

CAMPANULA, Carpatica—Blue and white open bell-shaped flowers. Grows about 9 inches tall and flowers from June to August.

CERASTIUM, Tomentosum (Snow-in-Summer)—The silver colored leaves are very attractive all summer. Has white flowers in May and June. Very dwarf growing.

DIANTHUS, Deltoides—Small rose flowers in profusion. Grows 6 inches tall and blooms in June.

DIANTHUS, Caesius—Clove scented single pink flowers in June. 6 to 8 inches high. Has greyish leaves that are very ornamental.

FESTUCA, Glauca—Tufts of blue-green foliage. Very pretty in the rock garden.

GYPSOPHILA, Repens (Creeping Gypsophila)—A creeping plant with a profusion of white flowers in July and August. Will spread over a space of 18 to 20 inches.

HEUCHERA, Rosea—Light rose colored flowers on stems 16 to 24 inches tall. Flowers throughout the summer.

NEPETA, Mussini—Grey foliage with lavender blue flowers.

PHLOX, SUBULATA—Low growing phlox. Flowers in May with white and lavender flowers.

SAPONARIA, Ocyoides—A showy dwarf trailing plant for rock wall. Pink flowers in May and June.

SEDUM, Acre (Golden Moss)—Low-growing green, fleshy leaves covered in July with star-shaped yellow flowers.

SEDUM, Album—Somewhat like Sedum Acre in the style of growth but the leaves have a slightly bluish cast.

SEDUM, Fosterianum—A very attractive form with dense spruce-like branchlets. Leaves have a bluish cast. Flowers yellow.

SEDUM, Kamschaticum—A bushy little plant about 6 inches high with yellow flowers during the summer.

SEDUM, Reflexum—A very odd Sedum with stems resembling Coxcombs.

SEDUM, Stoloniferum—Green trailing foliage with dull rose-colored flowers. Foliage turns crimson in fall.

STACYS, Lanata—The downy white foliage is the ornamental feature of this plant.

STATICE, Incana—Coarse small white flowers in large panicles.

THYMUS, Serpyllum—Creeping plant with fragrant leaves and pink flowers.

TUNICA, Saxifraga—A pretty dwarf plant with pink flowers and fine foliage.

VERONICA, Prostrate—Flowers in June with great profusion of light blue flowers.

VERONICA, Spicata Nana—A dwarf form growing about 6 to 8 inches high.

VIOLA, Lutea—Large yellow violet; blooms during the late summer and fall.

ANY OF THE ABOVE PLANTS: EACH, 35c; 3 FOR 85c; 6 FOR \$1.50. POSTPAID.



BEANS



PEAS



CORN



PEAS



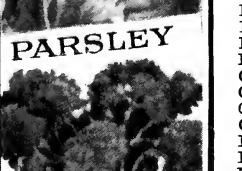
BEANS



BEET



CABBAGE



PARSLEY



PARSNIP



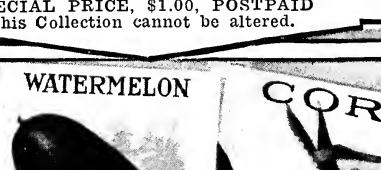
ONION



SPINACH



RADISH



WATERMELON



CORN



LETUCE



SQUASH



RADISH



MUSK MELON



PUMPKIN



CUCUMBER



ONION



PEPPER

OLDS' Dollar Collection

30 Pkts. Wisconsin Standards

Worth \$2⁰⁶; Price \$1⁰⁰, Postpaid

We have offered this same collection every year for 11 years. This is the 12th year. Thousands of customers buy it yearly. The seed is from our regular high-quality strains and the packets are full size, the same as offered in our catalog.

BEANS, Stringless Green Pod (15)	\$0.08
BEANS, Olds' Pencil Pod Black Wax (24) . . . . .	.08
BEET, Olds' Improved Early Blood Turnip (41) . . . . .	.05
BEET, Crosby's Egyptian (51) . . . . .	.07
CABBAGE, Olds' Early Jersey Wakefield (70) . . . . .	.05
CARROT, Oxheart (103) . . . . .	.05
CUCUMBER, Olds' Early Fortune (160 $\frac{1}{2}$) . . . . .	.08
CUCUMBER, Olds' Select White Spine (164) . . . . .	.10
LETTUCE, Grand Rapids (215) . . . . .	.07
LETTUCE, Olds' Wayahead (232) . . . . .	.07
MUSKMELON, Olds' Select Osage (239) . . . . .	.07
ONION, Olds' Yellow Globe Danvers (285) . . . . .	.07
ONION, Olds' Ex. Lge. Red Wethersfield (287) . . . . .	.06
ONION, Southport White Globe (292) . . . . .	.10
PARSLEY, Champion Moss Curled (305) . . . . .	.05
PARSNIP, Olds' Improved Guernsey (310) . . . . .	.05
PEAS, Olds' Best Extra Early (320 $\frac{1}{2}$) . . . . .	.07
PEAS, Olds' English Wonder (333) . . . . .	.10
PEPPER, Ruby King (350) . . . . .	.07
PUMPKIN, Sugar Pie (363) . . . . .	.06
RADISH, White Icicle (385) . . . . .	.05
RADISH, Olds' Imp. French Breakfast (373) . . . . .	.06
RADISH, Olds' Crimson Giant (376) . . . . .	.06
SPINACH, Bloomsdale (402) . . . . .	.07
SQUASH, True Hubbard (411) . . . . .	.10
SWEET CORN, Golden Bantam (142) . . . . .	.06
SWEET CORN, Olds' Early Evergreen (145) . . . . .	.07
TOMATO, Spark's Earliana (125) . . . . .	.07
TURNIP, Olds' Purple Top White Globe (465) . . . . .	.05
WATERMELON, Kleckley's Sweet (270) . . . . .	.07

Total Value \$2.06

SPECIAL PRICE, \$1.00, POSTPAID

This Collection cannot be altered.